GENERAL NOTES

1. WE CERTIFY TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEF THAT THE DESIGN OF THE PROJECT COMPLIES WITH THE APPLICABLE PROVISIONS OF THE REQUIREMENTS OF SECTIONS 34-401 TO 34-411, INCLUSIVELY, OF THE REVISED STATUTES OF THE STATE OF ARIZONA.
2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN FIELD. IF DIMENSIONAL ERROR OCCURS OR CONDITION NOT COVERED IN DRAWINGS IS ENCOUNTERED, CONTRACTOR SHALL NOTIFY THE ARCHITECT BEFORE COMMENCING THAT PORTION OF THE WORK. DIMENSIONS TAKE PRECEDENCE OVER SCALE.
3. ALL WORK SHALL COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES.
4. CONTRACTOR SHALL TAKE ALL NECESSARY PRE-CAUTIONARY MEASURES TO PROTECT THE PUBLIC AND ADJACENT PROPERTIES FROM DAMAGE THROUGHOUT CONSTRUCTION.
5. THE CONTRACTOR SHALL PAY ALL FEES FOR PERMITS, ETC., NECESSARY FOR PROPER COMPLETION OF THE WORK.
6. SLOPE ALL GRADES AWAY FROM BUILDING FOR POSITIVE DRAINAGE.
7. ALL WORK SHALL BE EXECUTED IN A NEAT AND WORKMANLIKE MANNER ACCEPTABLE TO OWNER AND GUARANTEED ONE (1) YEAR.
8. WHEN WORK NOT SPECIFICALLY CALLED OUT IS REQUIRED TO COMPLETE THE PROJECT, IT SHALL BE PROVIDED AND BE OF THE BEST MATERIALS AND WORKMANSHIP.
9. CONTRACTOR SHALL GUARANTEE ALL WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION (IN WRITING).
10. ALL EXISTING UTILITIES TO BE ABANDONED SHALL BE PROPERLY DISCONNECTED. PLUGGED OR CAPPED, AS REQUIRED BY CODE OR SOUND CONSTRUCTION PRACTICE.
11. CONTRACTOR SHALL PROVIDE AND PAY FOR TEMPORARY LIGHT, POWER AND WATER.
12. CONTRACTOR SHALL KEEP PREMISE FREE FROM ACCUMULATION OF RUBBISH AND SHALL LEAVE THE WORK "BROOM CLEAN". SITE SHALL BE LEFT "RAKE CLEAN".
13. THE CONTRACTORS SHALL EMPLOY THE SERVICES OF A QUALIFIED SOILS AND CIVIL ENGINEER TO ESTABLISH GRADES, LOCATION OF BUILDING AND TO CERTIFY COMPLIANCE WITH COMPACTION REQUIREMENTS FOR THE PROJECT.
14. CONTRACTOR SHALL VERIFY THAT ALL FOOTINGS, SUBTERRANEAN TANKS, VOIDS, ETC., ARE REMOVED FROM THE SITE WITH HOLES PROPERLY BACKFILLED AND COMPACTED TO FULLY SUPPORT THE LOAD INTENDED WITH COMPACTION CERTIFIED BY A QUALIFIED SOILS ENGINEER.
15. SUB-SOIL TREATMENT - SUBGRADE AT BUILDING AND SLAB ADJACENT TO BUILDING TO BE TREATED AGAINST TERMITES. PROVIDE OWNER WITH WRITTEN GUARANTEE OF THE EFFECTIVENESS AGAINST INFESTATION FOR A FIVE (5) YEAR PERIOD.
16. THE STARTING OF WORK BY ANY CONTRACTOR OR SUBCONTRACTOR SHALL BE CONSIDERED PRIMA FACIE EVIDENCE THAT HE HAS INSPECTED AND ACCEPTED ALL CONDITIONS INVOLVED IN HIS WORK AND FINDS THEM SATISFACTORY.
17. CONTRACTOR SHALL VERIFY LOCATION OF UTILITIES IN UTILITY EASEMENTS AND PROTECT SAME.
18. COORDINATE WITH IRRIGATION SPRINKLER SYSTEM CONTRACTOR TO PROVIDE P.V.C. SLEEVES, LINES, ETC., TO ALL PLANTING AREAS AS REQUIRED.
19. ALL COMPONENTS, EQUIPMENT, ETC., SHALL BE INSTALLED PER MANUFACTURER'S WRITTEN RECOMMENDATIONS.
20. CONTRACTOR SHALL VERIFY ALL ROOF MOUNTED EQUIPMENT LOADS AND NOTIFY THE ARCHITECT OF ANY CHANGES IN SIZE, WEIGHT, AND LOCATION OR ADDITIONAL LOAD TO THESE INDICATED ON THE DRAWINGS.
21. SEE GENERAL STRUCTURAL NOTES, SHEET A-3.

PROJECT DATA

CODE:	1979 UBC
ZONING:	C-2
OCCUPANCY:	A3
CONSTRUCTION TYPE:	V One Hour (SEE NOTE BELOW)
ALLOWABLE FLOOR AREA (BASIC):	10,500 S.F.
AREA INCREASE: Separation on all sides min. width condition is 35'-15' factor x 5% = 75% increase	75%
ALLOWABLE FLOOR AREA W/INCREASE:	18,375 S.F.
ACTUAL FLOOR AREA:	11,624 S.F. (Building) 2,580 S.F. (Canopy)
NET SITE AREA (ENTIRE SITE):	9.1520 Acres
'SHOWBIZ' PAD SIZE:	1.0 Acre
SITE COVERAGE:	3.56%
PARKING:	Required: 4,430 S.F. Games & Circ. @ 1/75 = 59 Spaces 3,321 S.F. Dining @ 1/50 = 69 Spaces Other Areas = 00 Spaces Total Parking Required: = 128 Spaces Parking Provided: = 160 Spaces
ASSESSORS PARCEL NUMBER:	134-28-001A
FIRE RESISTIVE SUBSTITUTION:	A fully Automatic Sprinkler System will be provided in lieu of One Hour Construction, as provided for in Section 508 of the 1979 UBC.

PROJECT INFORMATION

PROJECT:	'SHOWBIZ PIZZA PLACE' S-M PIZZA INC., STORE #2 856 South Alma School Road Mesa, Arizona 85202
OWNER:	S-M PIZZA INCORPORATED 2990 East Northern Avenue, Suite 101-C Phoenix, Arizona 85020
ARCHITECT:	UMBERGER ASSOCIATES 815 East Camelback Road, Suite 205 Phoenix, Arizona 85014 (602) 264-2617
CONTRACTOR:	TIBSHRAENY BROTHERS CONSTRUCTION, INC. 2111 West University Drive P. O. Box 1029 Mesa, Arizona 85201 (602) 969-2201
EXPLANATION:	'SHOWBIZ PIZZA PLACE' is a franchised pizza restaurant of approximately 12,000 square feet (single level) which will contain kitchen areas, dining areas, and a large game room. The restaurant will occupy a pad in the south east corner of a future neighborhood shopping center located on the south-west corner of the intersection of Eighth Avenue and Alma School Road in Mesa, Arizona.

CONSULTANTS

STRUCTURAL ENGINEER:	McCAUSLAND ENGINEERING 7310 East Stetson, Suite #3 Scottsdale, Arizona 85251 (602) 949-0300
MECHANICAL/PLUMBING:	JEFFRIES ENGINEERING 354 East Virginia Avenue Phoenix, Arizona 85004 (602) 264-0939
ELECTRICAL:	WRIGHT ELECTRICAL CONSULTING P. O. Box 26596 Tempe, Arizona 85282 c/o (602) 264-2617
CIVIL:	FRANZOY-CORY 4022 East Broadway Road, Suite #121 Phoenix, Arizona 85040 (602) 276-2435

SHOWBIZ PIZZA PLACE®

INDEX TO DRAWINGS

CS — COVER SHEET
SS — SITE SURVEY
C-1 — GRADING & DRAINAGE PLAN
C-2 — WATER & SEWER PLAN
C-3 — SEWER LINE PROFILE
A-1 — SITE PLAN/SITE DETAILS
A-2 — ARCADE PAVING PLAN/PARTITION SCHEDULE
A-3 — FOUNDATION PLAN/GEN. STRUCT. NOTES
A-4 — FLOOR PLAN
A-5 — ELEVATIONS
A-6 — BUILDING SECTION
A-7 — DOOR DETAILS/ROOF PLAN
A-8 — ROOF FRAMING PLAN
A-9 — REFLECTED CEILING PLAN
A-10 — INTERIOR ELEVATIONS
A-11 — INTERIOR ELEVATIONS
A-12 — EQUIPMENT & SIGN PLAN
A-13 — SHOWROOM PLATFORM/DETAILS
A-14 — SHOWROOM MISC. DETAILS
A-15 — MISCELLANEOUS DETAILS
A-16 — MISCELLANEOUS DETAILS
A-17 — MISCELLANEOUS DETAILS
A-18 — MISCELLANEOUS DETAILS
A-19 — DETAILS
M-1 — MECHANICAL FLOOR PLAN
M-2 — MECHANICAL DETAILS
P-1 — PLUMBING FLOOR PLAN
P-2 — PLUMBING DETAILS/NOTES
P-3 — PLUMBING SCHEMATICS
E-1 — ELECTRICAL FLOOR PLAN
E-2 — ELECTRICAL LIGHTING PLAN
E-3 — ELECTRICAL NOTES/DETAILS
E-4 — ELECTRICAL DIAGRAMS
E-5 — ELECTRICAL SITE PLAN
E-6 — RACEWAY DIAGRAMS/CONTROL PANEL
E-7 — ELECTRICAL @ SHOWROOM PLATFORM
E-8 — ELECTRICAL PANEL SCHEDULES
L-1 — LANDSCAPE PLAN
L-2 — IRRIGATION PLAN

CITY OF MESA
BUILDING INSPECTION DIVISION
NOTICE

THE FINAL INSPECTIONS MARKED BELOW MUST BE APPROVED:

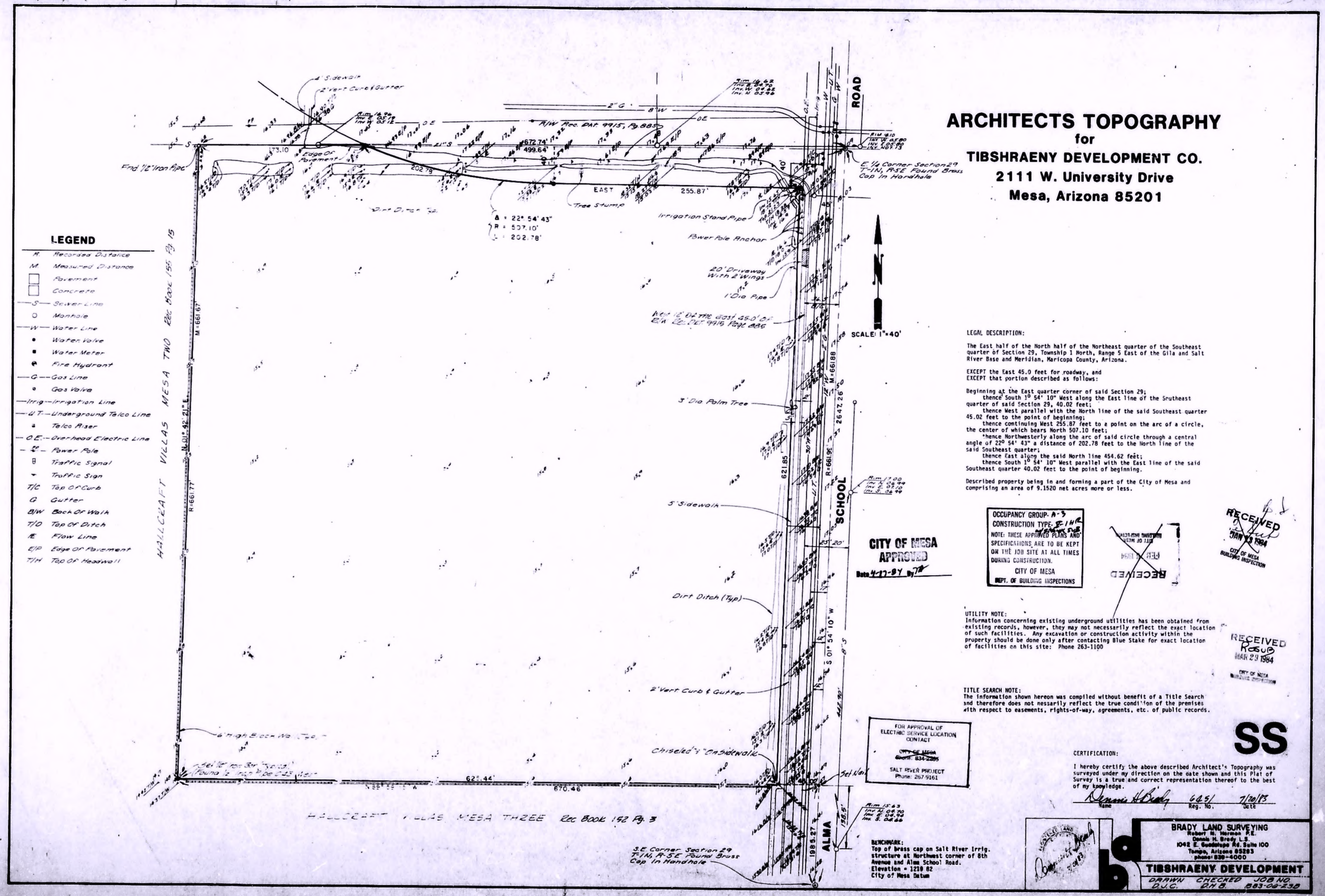
- [X] BUILDING INSPECTION — 834-2314
- [X] FIRE MARSHALL — 834-2622
- [X] ENGINEERING DEPT — 834-2248
- [X] ZONING & SIGNS — 834-2311

IT IS UNLAWFUL TO OCCUPY THIS BUILDING WITHOUT A CERTIFICATE OF OCCUPANCY HAVING BEEN ISSUED BY THE BUILDING OFFICIAL.

UMBERGER ASSOCIATES
LANDSCAPE ARCHITECTURE · SITE EAST CAMELBACK
PHOENIX, ARIZONA 85014 · (602) 264-2617

CS

ARCHITECTS TOPOGRAPHY
for
TIBSHRAENY DEVELOPMENT CO.
2111 W. University Drive
Mesa, Arizona 85201



LEGAL DESCRIPTION:

The East half of the North half of the Northeast quarter of the Southeast quarter of Section 29, Township 1 North, Range 5 East of the Gila and Salt River Base and Meridian, Maricopa County, Arizona.

EXCEPT the East 45.0 feet for roadway, and
EXCEPT that portion described as follows:

Beginning at the East quarter corner of said Section 29;
thence South 1° 54' 10" West along the East line of the Srutheast quarter of said Section 29, 40.02 feet;
thence West parallel with the North line of the said Southeast quarter 45.02 feet to the point of beginning;
thence continuing West 255.87 feet to a point on the arc of a circle, the center of which bears North 507.10 feet;
thence Northwesterly along the arc of said circle through a central angle of 22° 54' 43" a distance of 202.78 feet to the North line of the said Southeast quarter;
thence East along the said North line 454.62 feet;
thence South 1° 54' 10" West parallel with the East line of the said Southeast quarter 40.02 feet to the point of beginning.

Described property being in and forming a part of the City of Mesa and comprising an area of 9.1520 net acres more or less.

OCCUPANCY GROUP: A-3
CONSTRUCTION TYPE: II 1HR
NOTE: THESE APPROVED PLANS AND SPECIFICATIONS ARE TO BE KEPT ON THE JOB SITE AT ALL TIMES DURING CONSTRUCTION.
CITY OF MESA
DEPT. OF BUILDING INSPECTIONS

RECEIVED
JAN 23 1984
CITY OF MESA BUILDING INSPECTION

UTILITY NOTE:
Information concerning existing underground utilities has been obtained from existing records, however, they may not necessarily reflect the exact location of such facilities. Any excavation or construction activity within the property should be done only after contacting Blue Stake for exact location of facilities on this site: Phone 263-1100

RECEIVED
MAR 29 1984
CITY OF MESA

TITLE SEARCH NOTE:
The information shown hereon was compiled without benefit of a Title Search and therefore does not nessarily reflect the true condition of the premises with respect to easements, rights-of-way, agreements, etc. of public records.

SS

CERTIFICATION:

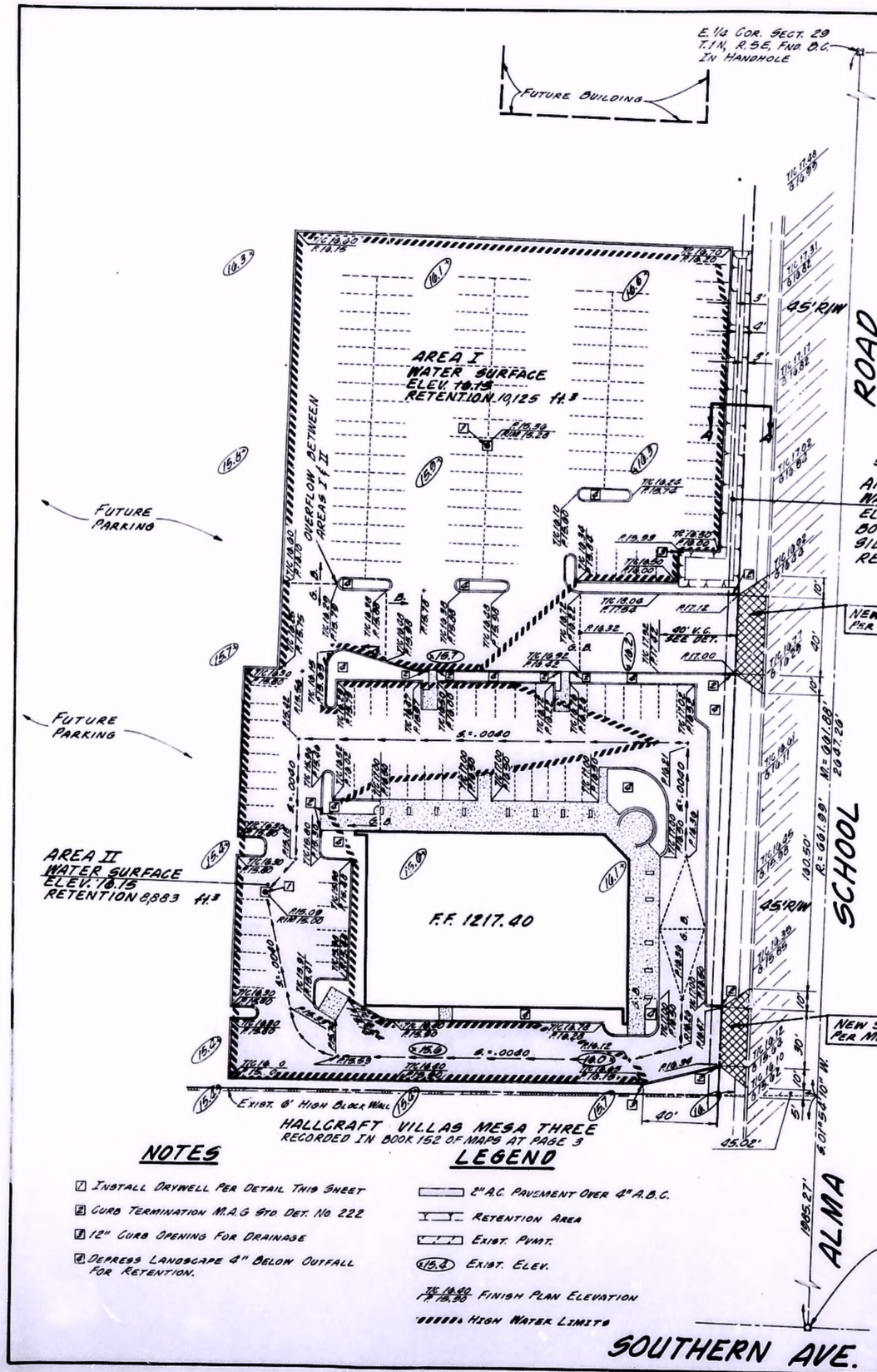
I hereby certify the above described Architect's Topography was surveyed under my direction on the date shown and this Plat of Survey is a true and correct representation thereof to the best of my knowledge.

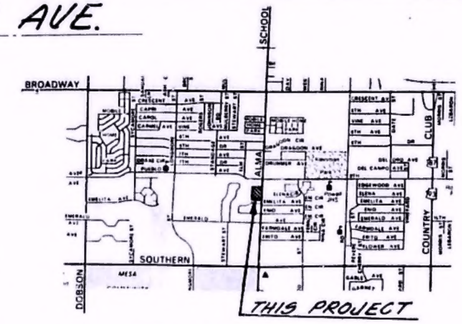
Dennis H. Brady — Name; 6251 — Reg. No.; 7/20/83 — Date

BRADY LAND SURVEYING
Robert H. Harmon P.E.
Dennis H. Brady L.S.
1042 E. Guadalupe Rd. Suite 100
Tempe, Arizona 85283
phone: 839-4000

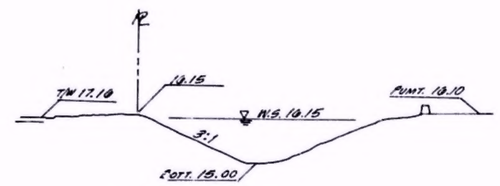
TIBSHRAENY DEVELOPMENT

DRAWN	CHECKED	JOB NO.
D.L.C.	D.H.B.	883-08-238

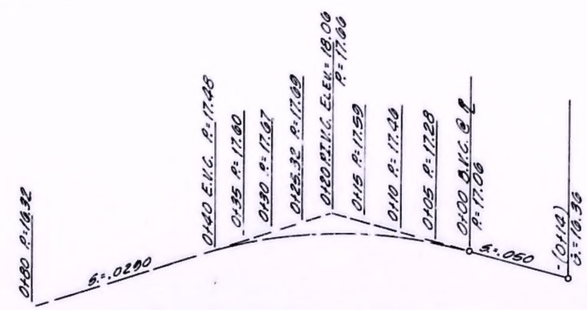




VICINITY MAP
N.T.S.



SECTION A-A
N.T.S.



VERTICAL CURVE DETAIL
(CENTERLINE GRADES FOR MAIN ENTRY) N.T.S.

B.M.

TOP OF BRASS CAP ON SALT RIVER IRRIGATION STRUCTURE AT NORTHWEST CORNER OF 8TH AVENUE AND ALMA SCHOOL ROAD.

ELEVATION = 1219.82
CITY OF MESA DATUM

NOTES

1. INSTALL DRYWELL PER DETAIL THIS SHEET
2. CURB TERMINATION M.A.G STD. DET. NO 222
3. 12" CURB OPENING FOR DRAINAGE
4. DEPRESS LANDSCAPE 4" BELOW OUTFALL FOR RETENTION.

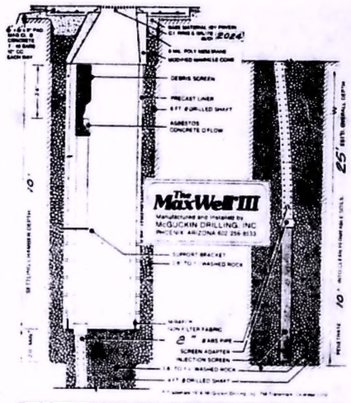
LEGEND

- 2" A.C. PAVEMENT OVER 4" A.B.C.
- RETENTION AREA
- EXIST. PVMT.
- (15.4) EXIST. ELEV.
- TC 18.60 / FF 18.30 FINISH PLAN ELEVATION
- HIGH WATER LIMITS

GENERAL NOTES

1. ALL WORK AND MATERIALS SHALL CONFORM TO THE CURRENT UNIFORM STANDARD SPECIFICATIONS AND DETAILS AS AMENDED BY THE CITY OF MESA AND ARE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
2. THE CONTRACTOR SHALL NOTIFY THE CITY OF MESA INSPECTION DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF ANY CONSTRUCTION OF PUBLIC FACILITIES.
3. CONTRACTOR TO OBTAIN ANY PERMITS REQUIRED, AND COORDINATE ALL DRY-UPS, RESETS AND REMOVAL BY OTHERS.
4. THE CONTRACTOR IS ADVISED THAT AN EXCAVATION AND DIRT MOVING PERMIT IS REQUIRED BY THE MARICOPA COUNTY HEALTH DEPARTMENT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THIS PERMIT AND COMPLY WITH ITS REQUIREMENTS.
5. CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATIONS OF ALL EXISTING UTILITIES AND AVOIDING DAMAGE TO SAME. CALL 263-1100 FOR BLUE STAKES. FOR SALT RIVER POWER DISTRICT POLE BRACING, ELECTRIC SERVICE OR CONSTRUCTION SCHEDULING, CALL 271-8888.
6. CONTRACTOR SHALL COMPLY WITH THE PROVISIONS FOR TRAFFIC CONTROL AND BARRICADING AS PER CURRENT CITY OF MESA "TRAFFIC BARRICADING MANUAL".
7. BACKFILL MATERIAL ADJACENT TO THE CITY OF MESA GAS PIPE SHALL BE FREE FROM MATERIAL INJURIOUS TO THE PIPE OR COATING. WHEN INJURIOUS MATERIALS ARE ENCOUNTERED, PAD THE PIPE WITH AT LEAST 4-INCHES OF FINE (1/2 INC) AND SMALLER SCREENINGS AGGREGATE MATERIAL. SCREENINGS LARGER THAN 1/4-INCH ARE CONSIDERED INJURIOUS MATERIAL TO THE COATING.
8. WHEN GAS MAIN AND/OR SERVICES ARE EXPOSED, CONTACT THE CITY OF MESA AT 834-2754 FOR INSPECTION OF THE EXPOSED PIPE AND COATING PRIOR TO THE BACKFILLING OF THE TRENCH.
9. A GRADING AND DRAINAGE PLAN SHALL BE ON THE JOB SITE AT ALL TIMES. DEVIATIONS FROM THE PLAN MUST BE PRECEDED BY AN APPROVED PLAN REVISION.
10. CONTRACTOR SHALL PROVIDE LEVEL BOTTOM IN ALL RETENTION BASINS AT ELEVATIONS AS SHOWN ON PLAN. RETENTION BASINS SIDE SLOPES SHALL NOT EXCEED 3:1 ON PRIVATE PROPERTY.
11. CONTRACTOR IS RESPONSIBLE FOR LOCATING AND CONFIRMING DEPTH OF ALL THE EXISTING UTILITY LINES WITHIN THE PROPOSED RETENTION BASIN AREAS. IF THE BASIN CANNOT BE CONSTRUCTED AS PER PLAN BECAUSE OF CONFLICT WITH UNDERGROUND UTILITIES, THE CONTRACTOR SHOULD REQUEST MODIFICATION OF BASIN CONFIGURATION BY PLAN REVISION.
12. ALL DRAINAGE PROTECTIVE DEVICES SUCH AS SWALES, INTERCEPTOR DITCHES, PIPES, PROTECTIVE BERMS, CONCRETE CHANNELS OR OTHER MEASURES DESIGNED TO PROTECT BUILDINGS FROM STORM RUNOFF MUST BE COMPLETED PRIOR TO FINAL INSPECTION.
13. FIELD INSPECTION AND TESTING IS REQUIRED. CONTRACTOR SHALL ARRANGE WITH THE OWNER TO PROVIDE INSPECTION AND TESTING.
14. ALL QUANTITIES LISTED ON THESE PLANS ARE ESTIMATES ONLY. THE CONTRACTOR SHALL MAKE HIS OWN DETERMINATION OF THE QUANTITIES AND BASE HIS BID ON HIS ESTIMATE.
15. THE ENGINEER IS NOT RESPONSIBLE FOR ANY ESTIMATES, BIDS, CONSTRUCTION OR OTHER ACTIONS OR DECISIONS MADE WHICH HAVE BEEN BASED ON PRELIMINARY OR UNAPPROVED PLANS.
16. THE CONTRACTOR SHALL FOLLOW THE GUIDELINES AND REGULATIONS AS SET FORTH BY O.S.H.A. NEITHER BROOKS, HERGY AND ASSOCIATES, INC. OR THE OWNER SHALL BE RESPONSIBLE FOR JOBSITE SAFETY PROCEDURES.
17. ANY AND ALL ITEMS EXISTING SHALL BE PROTECTED BY THE CONTRACTOR AND IF ANY ITEM(S) MUST BE REMOVED IN ORDER TO FACILITATE CONSTRUCTION, CONTRACTOR SHALL REPLACE THE ITEM(S) TO THE SAME OR BETTER CONDITION THAT IT WAS BEFORE REMOVAL.
18. ALL REQUESTS FOR STAKING SERVICES SHALL BE MADE BY AN AUTHORIZED REPRESENTATIVE OF THE OWNER OR CONTRACTOR AT LEAST 2 WORKING DAYS BEFORE THE STAKING SERVICES ARE DESIRED TO START. MISTAKES OR EXTRA STAKING WILL BE PROVIDED ONLY AFTER AN EXTRA WORK AUTHORIZATION IS SIGNED BY AUTHORIZED REPRESENTATIVE OF THE OWNER OR CONTRACTOR. THE OWNER WILL PROVIDE ONE SET OF CONSTRUCTION STAKES
19. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY AND ACCEPT ALL CONSTRUCTION STAKES PRIOR TO STARTING ANY CONSTRUCTION. ONCE CONSTRUCTION HAS STARTED ON A PHASE OF WORK THE ENGINEER SHALL HAVE NO RESPONSIBILITY OR LIABILITY FOR THAT PHASE OF WORK DUE TO CONSTRUCTION STAKING OMISSIONS OR ERRORS.

NOTE: THIS SITE IS NOT SUBJECT TO ANY STORM-WATER RUNOFF FROM ADJACENT PROPERTY OR STREETS.



INJECTION WELL SPECIFICATIONS

DRYWELL DETAIL

RETENTION DATA

Total Area 108,320 sq. ft.

AREA I
231' x 220' - 35 x 4 / 2 - 49 x 53 = 38,668 sq. ft.

Landscape Area
Islands
Frontage & N. 4' x 247' x 3 = 312
S. Side 231' x 135' + 25' + 35' / 2 - 4' x 48' = 2,491
Total Landscape Area = 2,803 sq. ft.
Pavement Area = 45,853 sq. ft.

Retention Requirement
145,858(.85) + 2800(.15)(1.25) = 9,958 cu. ft.

AREA II
314' x 250 + 167' x 4' / 2 + 40' x 53' = 55,452 sq. ft.

Landscape Area
S. Side Service Dr. 4'x320' = 1,280
S. Side Bldg. 4'x(23'+13'+13'+13'+13'+13') = 480
W. Side Bldg. 4'x(27'+4'+4'+4'+4'+4') = 927
W. Side Islands 4'x(27'+4'+4'+4'+4') = 195
N.W. Cor Bldg. 4'x(27'+4.5'+12') = 216
N.E. Cor. Bldg. 0.785(.5x3000sq.ft.+sq.ft.) = 711
Frontage & S. Side 1'x(167'+2'x7'+7') + 4.5'x(167'+2'x7'+7') + 41'x20' = 1,085
Total Landscape Area = 3,883
Pavement & Roof Area = 7,470
Retention Requirement = 19,187
(48,182(.85) + 7200(.15))1.25) = 10,519 cu. ft.
Total Retention Required = 20,369 cu. ft.

Retention Provided
Area I
Landscaped Frontage Basin + Parking Area Basin = 1,813 cu. ft.
= 10,125 cu. ft.
Area II = 8,883 cu. ft.
Total Retention Provided = 20,821 cu. ft.

Dispersal of Retention
Landscape Area - Direct Percolation
Parking Areas
7,539 cu. ft. / 0.5 cfs (3600 s/hr) = 5.28 hr.

APPROVAL
CITY OF MESA

BY: _____ (FOR) CITY ENGINEER DATE

RECEIVED
MAR 29 1984
CITY OF MESA
BUILDING INSPECTION

Revision	Date	By

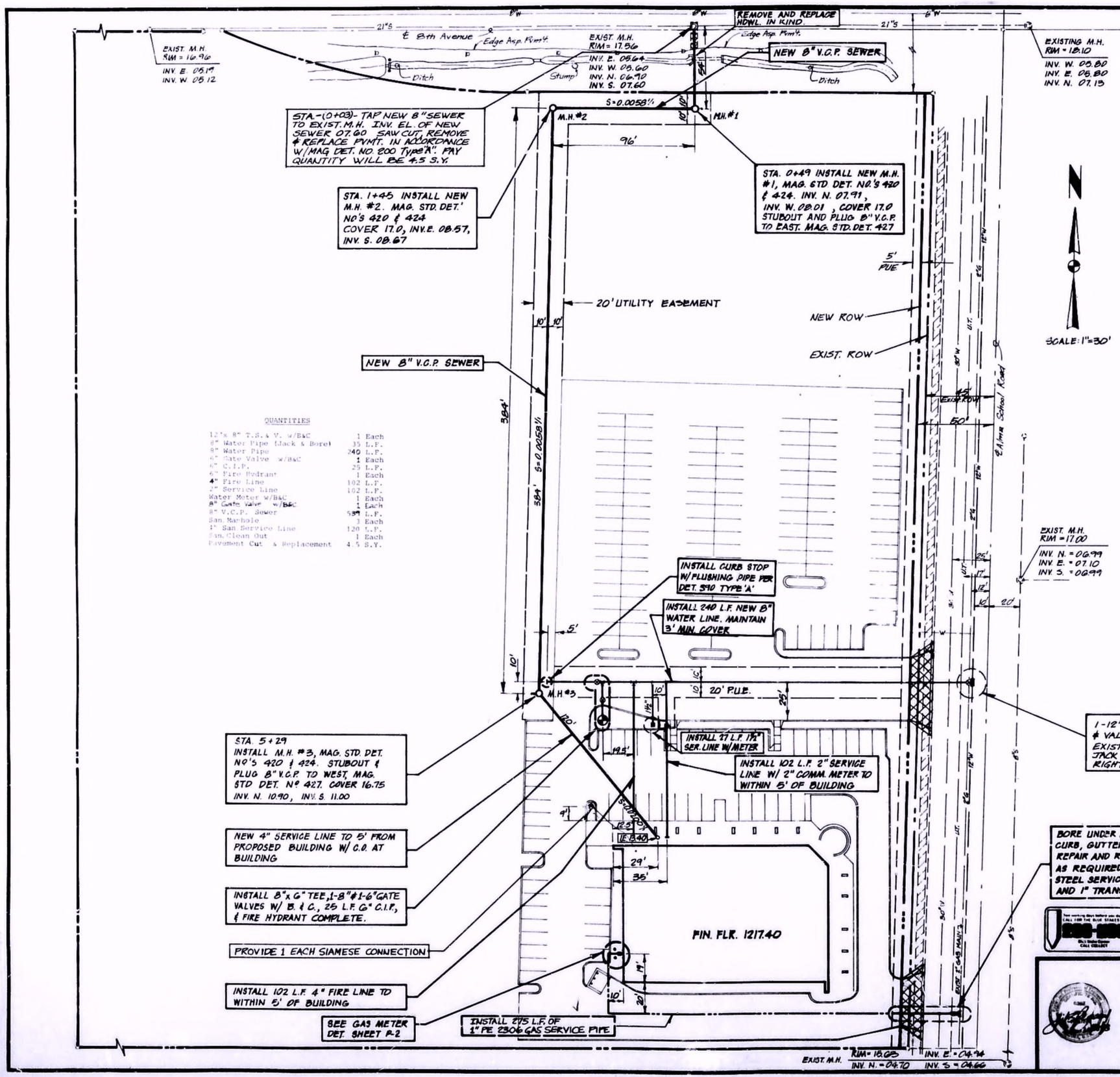
Design: M.J. Ok.
Drawn: REED
Check: A.N.B.
Scale: As Shown

425 S. Mill Ave.
Suite 201
Tempe, AZ 85281
(602) 968-7676

Date: MAR. 84

SHOW BIZ PIZZA INC.
GRADING & DRAINAGE PLAN

Job No. 181-01-FP-02 Sheet C1 of



QUANTITIES

12"x 8" T.S.& V. w/B&C	1 Each
8" Water Pipe (Jack & Bore)	35 L.F.
8" Water Pipe	240 L.F.
6" Gate Valve w/B&C	1 Each
6" C.I.P.	25 L.F.
6" Fire Hydrant	1 Each
4" Fire Line	102 L.F.
2" Service Line	102 L.F.
Water Meter w/B&C	1 Each
8" Gate Valve w/B&C	1 Each
8" V.C.P. Sewer	589 L.F.
San. Manhole	3 Each
4" San Service Line	120 L.F.
San. Clean Out	1 Each
Pavement Cut & Replacement	4.5 S.Y.

GENERAL NOTES

1. ALL WORK AND MATERIALS SHALL CONFORM TO THE CURRENT UNIFORM STANDARD SPECIFICATIONS AND DETAILS AS AMENDED BY THE CITY OF MESA AND ARE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
2. INSPECTION AND STAKING SHALL BE BY THE CITY OF MESA.
3. THE CONTRACTOR SHALL NOTIFY THE CITY OF MESA INSPECTION DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF ANY CONSTRUCTION. STAKING REQUESTS SHALL COMPLY WITH SECTION 105 OF THE UNIFORM STANDARD SPECIFICATIONS (TWO (2) WORKING DAYS NOTICE).
4. CONTRACTOR TO OBTAIN ANY PERMITS REQUIRED UNLESS OTHERWISE INDICATED, AND COORDINATE ALL DRY-UPS, RESETS AND REMOVAL BY OTHERS.
5. THE CONTRACTOR IS ADVISED THAT AN EXCAVATION AND DIRT MOVING PERMIT IS REQUIRED BY THE MARICOPA COUNTY HEALTH DEPARTMENT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THIS PERMIT AND COMPLY WITH ITS REQUIREMENTS.
6. CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATIONS OF ALL EXISTING UTILITIES AND AVOIDING DAMAGE TO SAME. CALL 263-1100 FOR BLUE STAKES.
   FOR SALT RIVER POWER DISTRICT POLE BRACING, ELECTRIC SERVICE OR CONSTRUCTION SCHEDULING, CALL 273-8888.
7. CONTRACTOR SHALL COMPLY WITH THE PROVISIONS FOR TRAFFIC CONTROL AND BARRICADING AS PER CURRENT CITY OF MESA "TRAFFIC BARRICADING MANUAL".
8. BACKFILL MATERIAL ADJACENT TO THE CITY OF MESA GAS PIPE SHALL BE FREE FROM MATERIAL INJURIOUS TO THE PIPE OR COATING. WHEN INJURIOUS MATERIALS ARE ENCOUNTERED, PAD THE PIPE WITH AT LEAST 4-INCHES OF FINE (3/8-INCH AND SMALLER SCREENINGS) AGGREGATE MATERIAL. SCREENINGS LARGER THAN 3/8-INCH ARE CONSIDERED INJURIOUS MATERIAL TO THE COATING.
9. WHEN GAS MAIN AND/OR SERVICES ARE EXPOSED, CONTACT THE CITY OF MESA AT 834-2754 FOR INSPECTION OF THE EXPOSED PIPE AND COATING PRIOR TO THE BACKFILLING OF THE TRENCH.
10. ALL NOTES IN DASHED BOXES INDICATE WORK TO BE DONE BY THE CITY OF MESA.
11. WATER METER BOXES IN CONFLICT WITH NEW CONSTRUCTION WILL BE RELOCATED TO PROPERTY LINE BY CITY FORCES.
12. THE CONTRACTOR AND CITY OF MESA UTILITY AND TRAFFIC CREWS SHALL COORDINATE WORK SCHEDULES SO AS TO PREVENT ANY CONFLICTING WORK CONDITIONS.
13. CONTRACTOR TO NOTIFY DOUG KNOX, STREET DEPARTMENT, AT 834-2160 PRIOR TO SIGN REMOVAL AND WHEN READY TO PERMANENTLY RELOCATE SIGN.
14. CONTRACTOR TO COORDINATE ALL OR ANY SEWER SERVICES, DRIVEWAY LOCATIONS, AND REMOVAL OR RESETS OF PRIVATE PROPERTY ON ALL STREETS WITH OWNERS AND CITY INSPECTOR.
15. PRIOR TO START OF CONSTRUCTION ON PRIVATE PROPERTY (EASEMENTS) THE CONTRACTOR WILL GIVE THE OWNER (IF IN RESIDENCE) SUFFICIENT TIME (MINIMUM 24-HOURS) TO REMOVE ITEMS HE WISHES TO. THE CONTRACTOR WILL ARRANGE TO REMOVE AND REPLACE ALL OTHER CONFLICTS AS REQUIRED.
16. WORK WITHIN THE MARICOPA COUNTY RIGHT-OF-WAY WILL REQUIRE A COUNTY HIGHWAY DEPARTMENT PERMIT. THE CONTRACTOR SHALL OBTAIN SUCH PERMIT AND PAY ANY RELATED COSTS PRIOR TO COMMENCING WORK.
17. CONTRACTOR TO POTHOLE EXISTING UTILITIES AHEAD OF HIS CONSTRUCTION, TO ALLOW FOR ANY NECESSARY ADJUSTMENT IN GRADELINE.
18. WATER LINE TEST WILL BE COMPLETED SO THAT NO OLD LINES WILL BE INCLUDED IN THAT TEST. A NIGHT TIE-IN (BETWEEN 12:00 and 6:00 A.M.) MAY BE NECESSARY IF REQUIRED BY CITY INSPECTOR.
19. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL NECESSARY FITTINGS AND ADAPTORS REQUIRED TO CONNECT DIFFERENT TYPES OF WATER LINE MATERIAL. THE COST IS TO BE INCLUDED IN HIS PER FOOT BID.
20. ALL VALVES TO BE INSTALLED WITH VALVE BOX AND COVERS PER DETAIL 391-1 (TYPE "C") OR DETAIL 391-2. IF 2" OPERATING NUT IS OVER 5' BELOW EXISTING CENTER LINE GRADE.
21. THE CONTRACTOR SHALL COMPLY WITH ALL THE REQUIREMENTS AS INDICATED ON THE CITY OF MESA DETAIL M-58 WHEN TRENCHING FOR THE WATER LINE WHERE A GAS MAIN IS TO BE INSTALLED IN THE SAME TRENCH.
22. CONTRACTOR TO INSTALL 4" SEWER SERVICE AS PER DETAIL 440 AT THE LOCATIONS SHOWN AND MARKED ON THE PLANS.
23. ALTERNATE SEWER PIPE MAY BE P.V.C. OR TRUSS PIPE. SEE SECTIONS 744 AND 745 OF U.S.S. AND MANUFACTURERS RECOMMENDATION FOR THESE MATERIALS.
24. WHEN A SEWER CROSSES BELOW A WATER LINE WITH LESS THAN TWO (2) FEET OF SEPARATION OR WHEN A SEWER CROSSES OVER A WATER LINE, ENCASEMENT IS REQUIRED PER DETAIL 404.
25. ALL SEWER MANHOLES SHALL BE CONSTRUCTED PER DETAIL 420. MANHOLES OVER TEN (10) FEET DEEP SHALL BE 5 FOOT INSIDE DIAMETER.
26. ALL SEWER CLEANOUTS SHALL BE CONSTRUCTED PER DETAIL 441.
27. THE FOLLOWING DETAILS, IN addition TO THOSE NOTED SPECIFICALLY ON THE PLANS, APPLY TO THIS JOB: DETAIL 427 (PLUG).

Two working days before you dig CALL FOR THE BLUE STAKES 263-1100 Ariz. Blue Stake, Inc. CALL COLLECT

TIBSHRAENY
SHOW BIZ PIZZA INC.

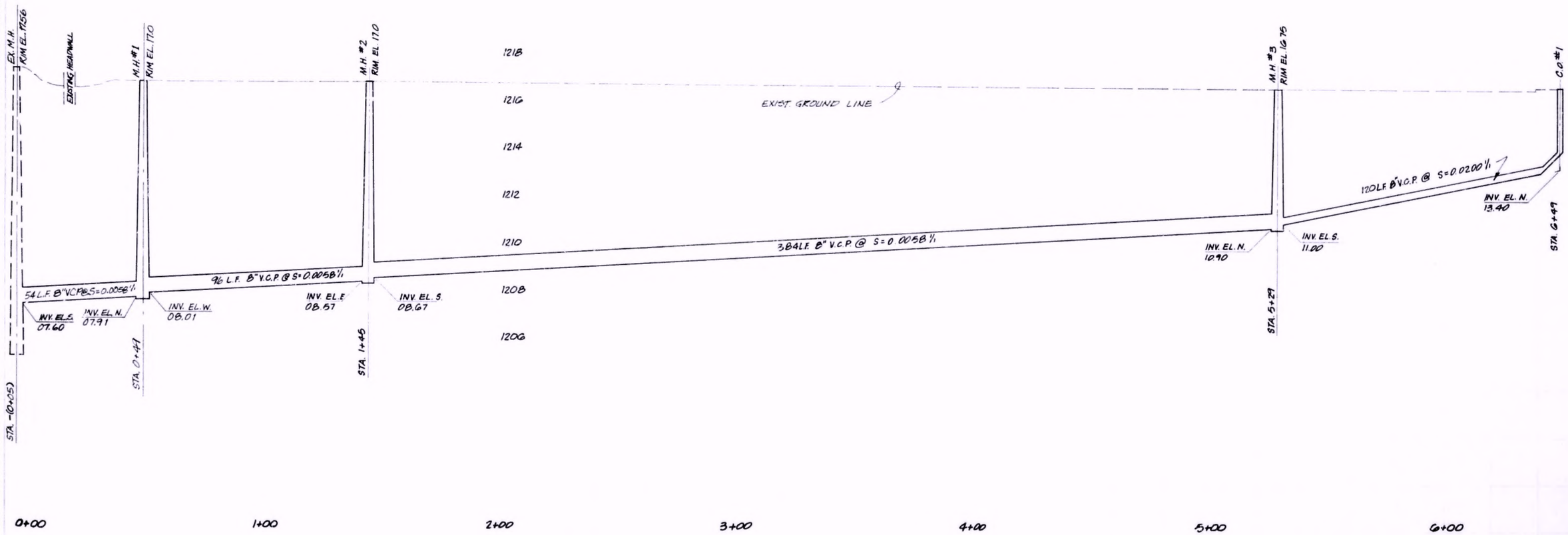
WATER & SEWER PLAN

Date	17 OCT 85
Designed	S.W.D.
Drawn	S.R.M.
Checked	J.S.P.
Revised	6-W-12

Franzoy, Corey & Associates
Consulting Engineers
1030 E. Guadalupe Road
Tempe, Arizona 85283
602-838-8828

C 2

FOSTER



TIBSHRAENY SHOW BIZ PIZZA INC.		SEWER PROFILE
Date 16 SEPT 85 Designed J.P. Drawn G.R.M. Checked J.P. Revised SWD	Franzoy, Corey & Associates Consulting Engineers 1030 E. Guadalupe Road Tempe, Arizona 85283 602 - 838 - 8626	C3

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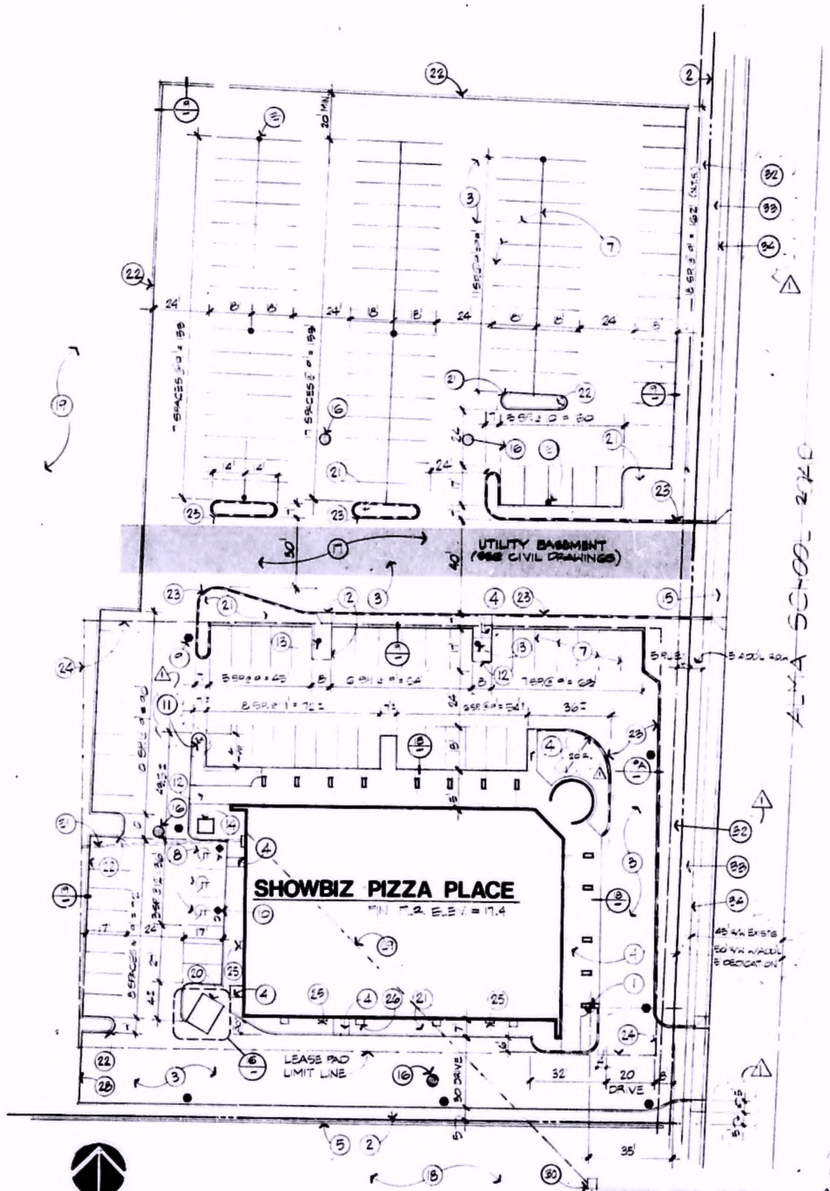


SITE PLAN

SCALE: 1" = 30'-0"

NOTES

1. BUILDING LAYOUT POINT
2. PROPERTY LINE (NEW LOCATION)
3. 2" ASPHALTIC CONCRETE ON 4" MINIMUM A.B.C. (TYPICAL U.N.O.)
4. 4" CONCRETE SIDEWALK ON 4" MINIMUM A.B.C.
5. EXISTING 6' HIGH C.M.U. FENCE TO REMAIN
6. EXISTING CURB, GUTTER AND SIDEWALK
7. 4" WIDE PAINTED PARKING STRIPES (WHITE)
8. 12' WIDE HANDICAP PARKING STALL WITH PAINTED SYMBOL
9. FIRE LANE SIGN - SEE DET. 11 (TYP.)
10. HANDICAP SIGN - SEE DET. 12.
11. SIAMESE FIRE DEPARTMENT CONNECTION TO SPRINKLERS--SEE PLUMBING DRAWINGS (REMOTE CONN.)
12. RAMP CONCRETE TO MEET A/C FOR HANDICAP ACCESS. 1:20 SLOPE MAX.
13. LOCATION OF PARKING LOT LIGHTING STANDARD
14. TRANSFORMER PAD LOCATION AND SIZE AS PER SRP.
15. NEW DRIVEWAY AND APRON (SEE CIVIL DRAWINGS)
16. DRYWELL LOCATIONS (SEE CIVIL DRAWINGS)
17. UTILITIES EASEMENT IN DRIVE TO BE DEDICATED TO CITY (SEE CIVIL DRAWINGS)
18. EXISTING APARTMENT COMPLEX
19. FUTURE NEIGHBORHOOD RETAIL CENTER
20. REFUSE AREA W/ LANDSCAPE SCREEN
21. PLANTING AREA
22. 6" HIGH EXTRUDED CONCRETE CURB
23. 6" HIGH VERTICAL CONCRETE CURB
24. LEASE PAD LIMIT LINE
25. BUILDING MTD. AREA LIGHT (SHARP CUTOFF) - SEE ELEVATIONS
26. SPLASH BLOCKS @ DOWNSPOUTS (4)
27. [illegible]
28. 2 x 8 REDWOOD HEADER WITH 2 x 2 STAKES @ 6'-0" O.C. AT EDGE OF ASPHALT
29. [illegible] (VERIFY WITH SELL CONTACT: LINDA HARRIS @ 985-7201)
30. [illegible] VERIFY LOCATION
31. LIGHTING CONDUIT - 2 x 2 P.C. CONDUIT UNDER PAVEMENT FOR FUTURE LIGHTING.
32. NEW 5' PUBLIC UTILITY EASEMENT
33. ADDITIONAL 5' R.O.W. DEDICATION
34. OLD PROPERTY LINE LOCATION

AN APPROVED ADDRESS SHALL BE LOCATED ON BUILDING IN SUCH A POSITION AS TO BE PLAINLY VISIBLE & LEGIBLE FROM ALMA SCHOOL ROAD.

NOTE:
2" LETTERS ARE 5/8" WIDE.
1 1/2" LETTERS ARE 1/2" WIDE.
3/4" LETTERS ARE 1/8" WIDE.
ALL LETTERS ARE RED WITH A WHITE BACKGROUND.
THE SIGNS ARE TO BE MOUNTED ON A FIRM SUPPORT SO THE BOTTOM OF THE SIGN IS 7' ABOVE GRADE AND NO MORE THAN 100' APART.
THESE SIGNS ARE NOT SUPPLIED BY THE CITY.

NOTE: SIGN LOCATIONS ARE INDICATED ON THE SITE PLAN BY THIS SYMBOL:

11 FIRE LANE SIGN DETAIL

NOTES:

1) The bottom of the sign should be no less than 30 inches and no more than 54 inches above finish grade.

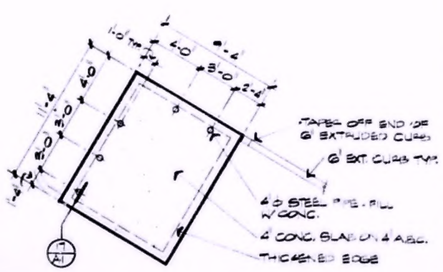
2) Signs should be properly centered within the parking space.

3) The sign face should be located no farther than 6 feet from the front of each parking space.

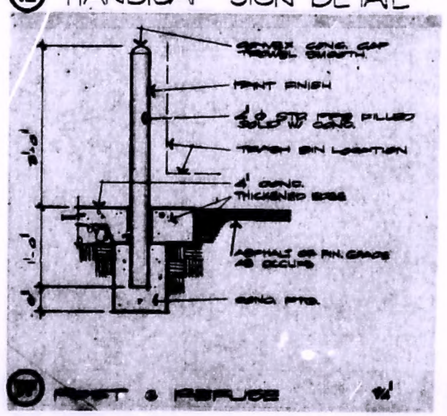
SIGN LOCATIONS ARE INDICATED ON THE SITE PLAN BY THIS SYMBOL
ARROW TYPE
KEY TO ARROW TYPES: A B C

SIGN SHALL MEET REQUIREMENTS OF CITY OF MESA ORDINANCE No. 1705.

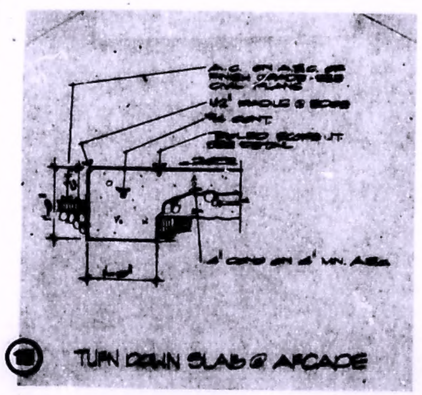
12 HANDICAP SIGN DETAIL



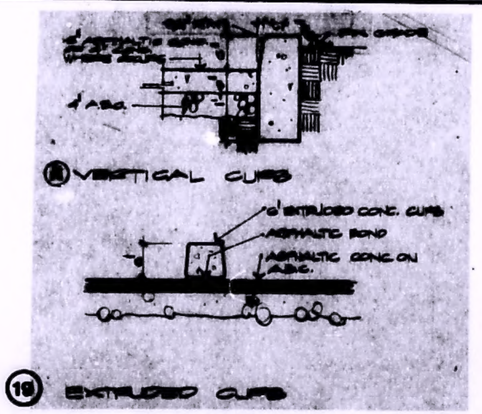
16 PLAN @ REFUSE ENCLOSURE



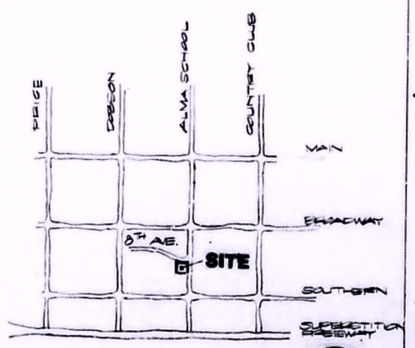
17 PLAN & REFUSE



18 TURN DOWN SLAB @ ARCADE



19 VERTICAL CURB



VICINITY MAP
NTS

NORTH

SHOWBIZ PIZZA PLACE

856 S. ALMA SCHOOL RD.
S-M PIZZA INC. STORE NO. 2
2990 E. NORTHERN AVENUE · SUITE 100C
PHOENIX, ARIZONA

UMBERGER ASSOCIATES
LAND PLANNING·ARCHITECTURE·LANDSCAPE ARCHITECTURE · 815 EAST CAMELBACK ROAD, SUITE 205 PHOENIX, ARIZONA 85014 · (602) 264-2697

DATE:
JOB NO.:
PROJECT MGR.:
DRAWINGS BY:
REVIEWED BY:

REVISION DATES
1 REV. 21 NOV. 88

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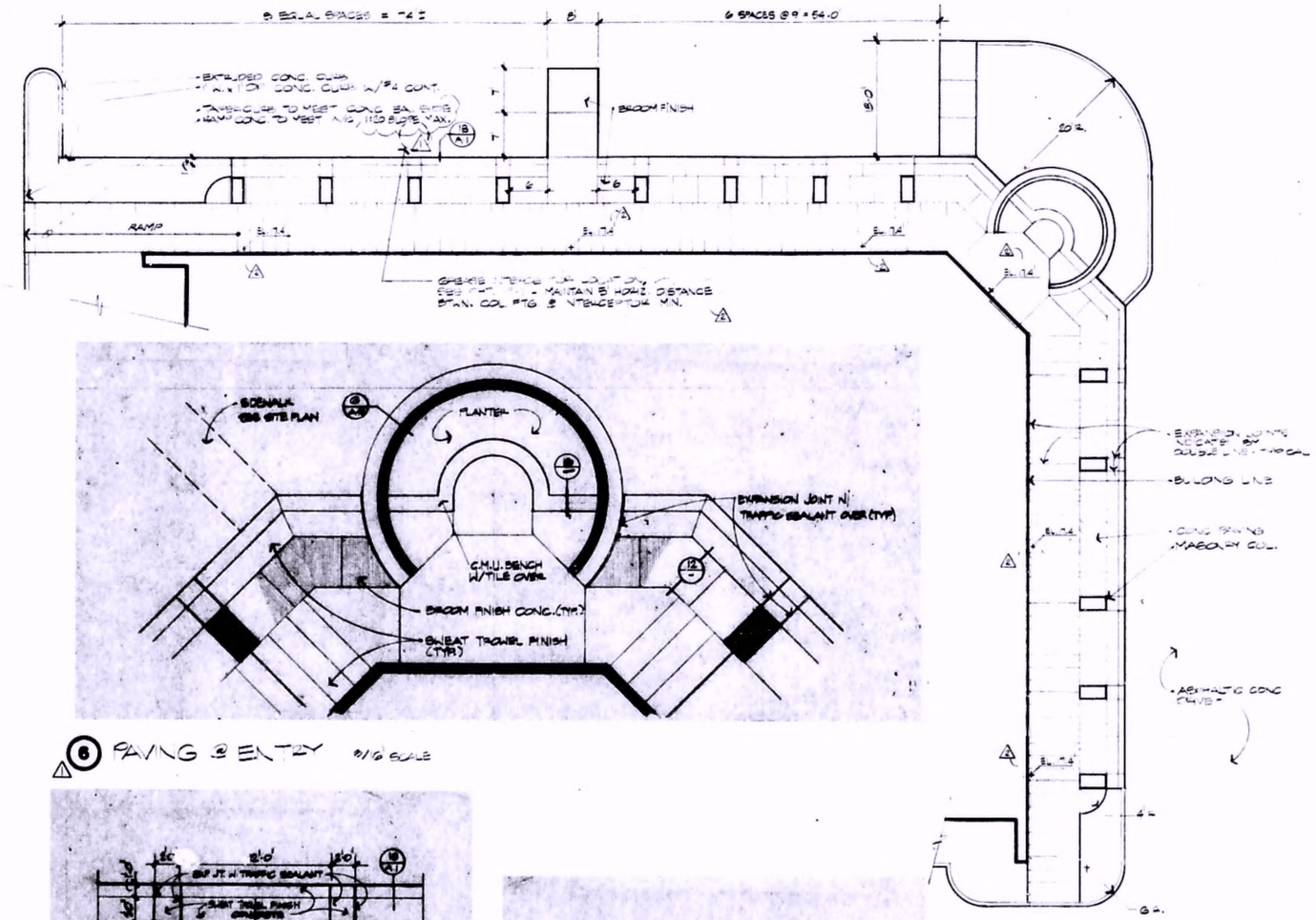
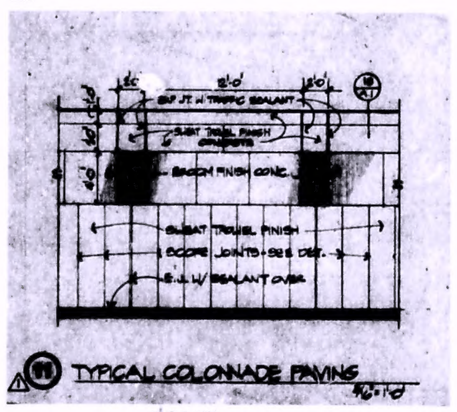
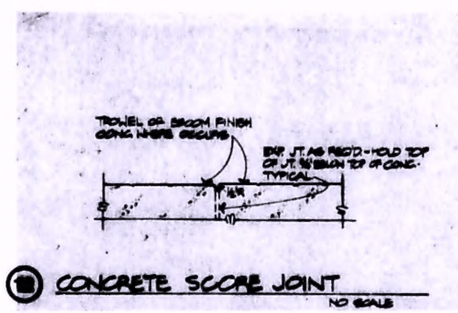


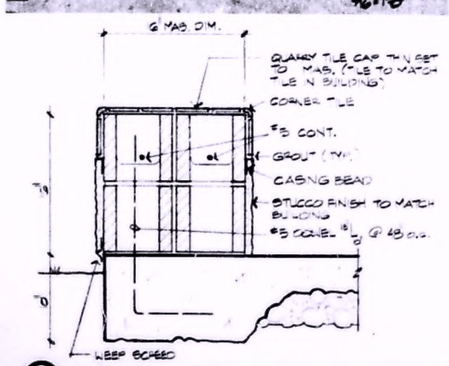
6 PAVING @ ENTRY 1/16 SCALE



11 TYPICAL COLONNADE PAVING 1/4"=1'-0"



12 CONCRETE SCORE JOINT NO SCALE



16 BENCH DETAIL 1/2"

17

18

NORTH

HARDSCAPE PLAN 1/16"=1'-0"

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WALL & PARTITION SCHEDULE

GENERAL NOTES:

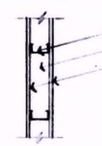
1. ALL PARTITION TYPES ARE SHOWN FOR BASIC CONSTRUCTION OF PARTITIONS; SEE FINISH SCHEDULE, ELEVATIONS, DETAILS, ETC., FOR FINISHES, APPLIED PANELS, BLOCKING, ETC. PARTITION TYPES SHOWN IN PLAN VIEW.
2. PARTITION TYPES ARE INDICATED ON THE FLOOR PLANS THUS: KA INDICATION SIDE ON FLOOR PLANS CORRESPONDS TO INDICATION SIDE ON SCHEDULE.
3. WATER RESISTANT GYPSUM BOARD SHALL BE USED AS THE SUBSTRATE FOR ALL PARTITIONS TO RECEIVE FIBERGLASS REINFORCED PANELS (F.R.P.) OR TILE (INCLUDING QUARRY TILE BASE).
4. DIMENSIONS ON PLAN ARE TO CENTER OF WALL UNLESS NOTED OTHERWISE. OTHER NOTATIONS MAY INCLUDE:
   - F.O.M. - FACE OF MASONRY
   - F.O.S. - FACE OF STUD
   - F.G.B. - FACE OF GYPSUM BOARD
5. SEE PARTITION BRACING AND HEAD DETAILS FOR ADDITIONAL INFORMATION.
6. F.R.P. PANELS SHALL BE VARITE CAUSE A/1 F.R.P. PANELS W/ FLAME SPREAD RATING OF 10, & SMOKE DEVELOPED RATING OF 10.

TYPE A

- 8" C.M.U. EXTERIOR WALL - SEE ELEVATIONS FOR HEIGHT.
- 1½" STYRO STUD INSULATION WITH METAL FURRING CHANNEL FULL HEIGHT.
- EXTERIOR FINISH WHERE OCCURS - SEE ELEVATIONS.
- 5/8" GYP. BD. TO 6" ABOVE ADJ. CLG.

NOTE: STYRO STUD INSULATION SHALL BE COVERED WITH GYP. BD. FOR ITS ENTIRE HEIGHT & LENGTH.

TYPE B



- 6" X STD. GA. METAL STUDS @ 16" O.C.
- STUD TRACK ABOVE AND BELOW.
- 5/8" GYPSUM BOARD EACH SIDE

Note: Wall to extend to 6" above highest adjacent ceiling - See reflected ceiling plan.

TYPE C

SAME AS TYPE 'B' BUT PARTITION CONTINUES FULL HEIGHT TO UNDERSIDE OF STRUCTURE - SEE PARTITION HEAD DETAIL. STUDS IN FULL HEIGHT. PARTITIONS SHALL BE 20 GAUGE.

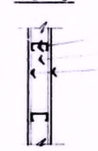
TYPE D

SAME AS TYPE 'C', EXCEPT ADD 3½" SOUND ATTENUATION BLANKETS FULL HEIGHT.

TYPE E

SAME AS TYPE 'C', EXCEPT ADD R-19 BATT INSULATION FULL HEIGHT.

TYPE F



- 3-5/8" X STD. GA. METAL STUDS @ 16" O.C.
- STUD TRACK ABOVE AND BELOW.
- 5/8" GYPSUM BOARD EACH SIDE.

Note: Wall to extend to 6" above highest adjacent ceiling - See reflected ceiling plan.

TYPE G

SAME AS 'F', BUT WITH 3½" SOUND ATTENUATION BLANKETS FULL HEIGHT OF PARTITION.

TYPE H

SAME AS 'F', EXCEPT GYPSUM BOARD ON EXPOSED SIDE ONLY.

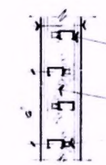
TYPE J

SAME AS 'F', BUT PARTITION CONTINUES FULL HEIGHT TO UNDERSIDE OR STRUCTURE - SEE PARTITION HEAD DETAIL. STUDS IN FULL HEIGHT PARTITIONS SHALL BE 20 GAUGE.

TYPE K

SAME AS 'J', BUT ADD 3½" SOUND ATTENUATION BLANKETS FULL HEIGHT.

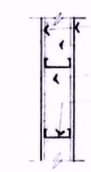
TYPE L



- TWO LAYERS 5/8" GYPSUM BOARD EACH SIDE, STAGGER JOINTS.
- 3-5/8" X 20 GAUGE METAL STUDS @ 16" (DOUBLE STUDWALL) STAGGERED IN 6" WIDE STUD TRACK TOP AND BOTTOM - PARTITION FULL HEIGHT TO UNDERSIDE OF STRUCTURE.
- 3½" SOUND ATTENUATION BLANKETS FULL HEIGHT - WEAVE BETWEEN STUDS.
- FASTEN INSIDE LEG OF STUD TO TRACK WITH STRAP ANGLE @ EACH STUD.

Note: Caulk perimeter and around all penetrations by pipes, conduits, etc., both layers each side. Set bottom track in bead of sealant. Back to back electrical penetrations shall be staggered 16" min.

TYPE M



- ONE LAYER 5/8" GYPSUM BOARD BOTH SIDES.
- STUD TRACK ABOVE AND BELOW.
- 3½" SOUND ATTENUATION BLANKETS FULL HEIGHT.
- 6" X 20 GAUGE METAL STUDS @ 16" O.C. FULL HEIGHT TO UNDERSIDE OF STRUCTURE.

Note: See Note, Partition Type 'L' above.

TYPE P

- ONE LAYER 5/8" WATER RESISTANT GYPSUM BOARD EACH SIDE OVER ¼" FIRE RETARDANT TREATED PLYWOOD.
- 3-5/8" STUDS X STD. GAUGE @ 16" O.C. EACH WALL (DOUBLE STUD WALL).
- STUD TRACKS ABOVE AND BELOW.
- 3½" SOUND ATTENUATION BLANKETS EACH SIDE.
- 8" SQ. X ¼" F.R. PLYWOOD BRACES @ 3'-0" O.C. VERT.

Note: Partition to extend 6" above highest adjacent ceiling.

SHOWBIZ PIZZA PLACE

856 S. ALMA SCHOOL RD.
S-M PIZZA INC. STORE NO. 2
2990 E. NORTHERN AVENUE · SUITE 100
PHOENIX, ARIZONA

LIMBACK ROAD SUITE 205 PHOENIX, ARIZONA 85014 · (602) 264-2917

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REGISTERED ARCHITECT MARTIN SCOT UMBERGER 13471 ARIZONA U.S.A.

1	14 NOV 88
2	6 NOV 88

REVISION DATES

DATE:	9-8-88
JOB NO:	5924
PROJECT MGR:	EMO
DRAWINGS BY:	SH
REVIEWED BY:	

UMBERGER ASSOCIATES
LAND PLANNING · ARCHITECTURE · LANDSCAPE ARCHITECTURE · 815 EAST CAMELBACK

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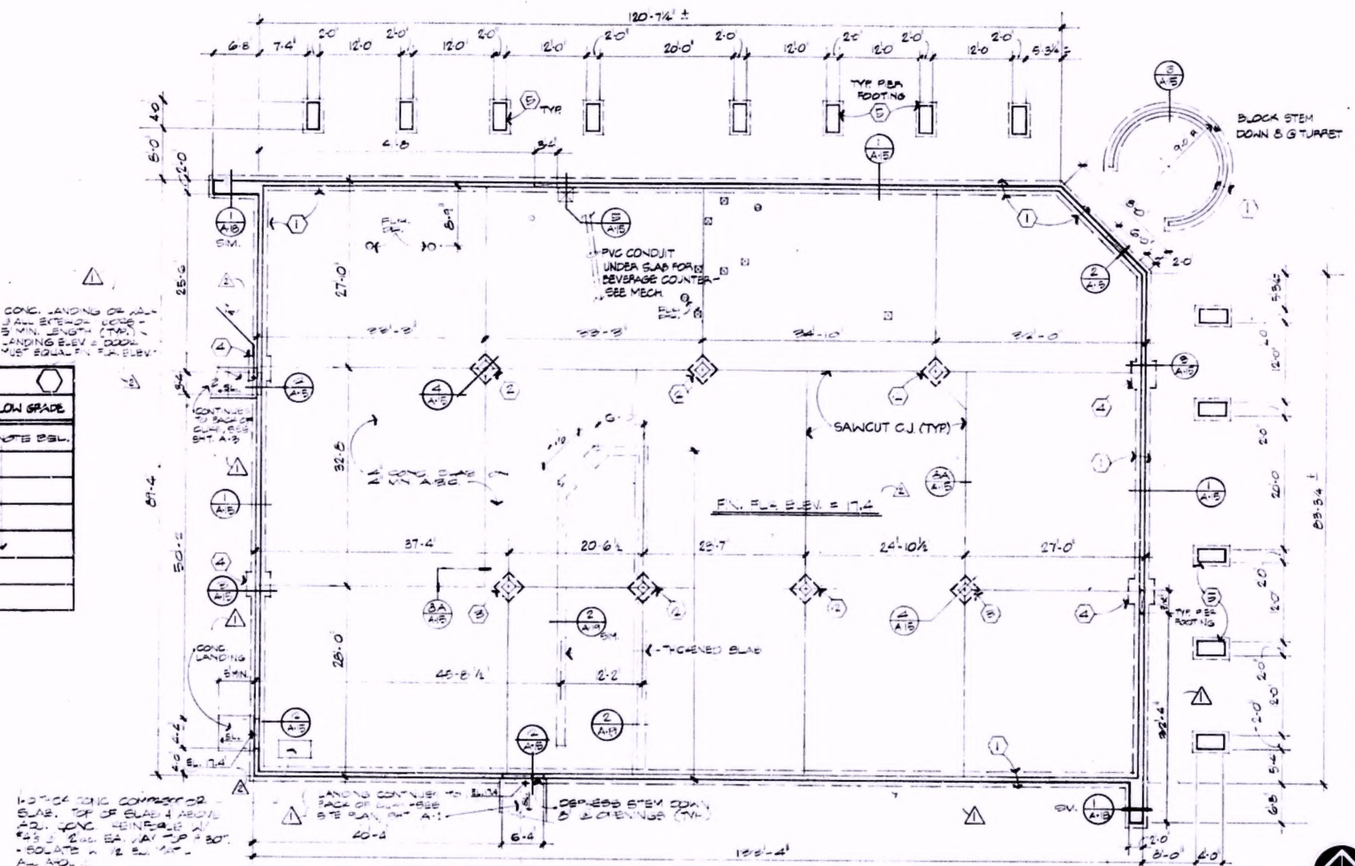


CONC. LANDING OR HALL (AL EXTENDS LEDGE - 5' MIN. LENGTH (TYP) - LANDING ELEV = DOOR MUST EQUAL FIN. FLR. ELEV.

FOOTING SCHEDULE

MARK	FTG. SIZE (W×W×L)	REINFORCING	COL. SIZE	BASE PLATE	DEPTH BELOW GRADE
1	16" W x 8" THK.	1 - #4 CONT.	—	—	24" - SEE NOTE BEL.
2	5'-9" SQ. x 10" THK.	6 - #5 EA. WAY	4" D STD. PIPE COL.	12" x 12" x 1/2" W/ 4 - 3/4" A.B.	
3	5'-9" SQ. x 10" THK.	6 - #5 EA. WAY	4" x 4" x 3/16" SQ. TUBE	12" x 12" x 1/2" W/ 4 - 3/4" A.B.	
4	4'-0" SQ. x 10" THK.	4 - #5 EA. WAY	—	—	
5	2'-6" x 4'-6" x 10" THK.	3 - #5 EA. WAY	—	—	✓

NOTE: ALLOWABLE BEARING PER UNDISTURBED NATURAL SITE SOIL IS 2,4 KSF (W.A. SMALE = 2000 PSF)
SEE SOILS REPORT BY THOMAS-HARTIG & ASSOC. CALCULATIONS

NOTE: LANDINGS FOR EXTERIOR DOORS ON THE NORTH, NORTHEAST, & EAST SIDES OF BUILDING WILL BE PROVIDED BY CONTINUOUS PEDESTRIAN WALKWAY. (SEE HARDSCAPE PLAN, SHEET A-2) WALKWAY FINISH ELEV. SHALL EQUAL FIN. FLOOR ELEV. OF 17.4 AT ALL EXTERIOR DOOR OPENINGS (5). SEE SHEET A-2 FOR SLOPE ELEV. OF WALKWAY.

FLOOR DRAIN KEY*

- FLOOR DRAIN W/ SEDIMENT GRATE FOR FLOOR WATERWAYS - SLOPE FLOOR TO DRAIN.
- RECESSED FLR. FLOOR DRAIN FOR EQUIP. & COL. BASE DRAINS - DOATS & FRONT EDGE OF EQUIP BEING SERVED. FOR FLOOR SLOPE SEE PLAN.

* SEE PLUMBING DWGS. FOR ADDL. INFO

FOUNDATION PLAN

1/4" = 1'-0"

GENERAL STRUCTURAL NOTES

1. ALL DESIGN AND CONSTRUCTION WORK FOR THIS PROJECT SHALL CONFORM TO THE UNIFORM BUILDING CODE (UBC).
2. FURNISH ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO COMPLETE THE WORK SHOWN OR INFERRED BY THESE DRAWINGS.
3. DESIGN LOADS
   A. ROOF AREA:
      DEAD LOAD . . . . . 20 PSF
      MECHANICAL EQUIPMENT . . . . . SHOWN ON PLANS
   B. WIND (ON VERTICAL PROJECTION) . . . . . 15 PSF
4. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND ELEVATIONS SHOWN ON THE PLANS, AND FOR COORDINATING ALL DIMENSIONS AND ELEVATIONS SHOWN ON THE STRUCTURAL DRAWINGS WITH THOSE SHOWN ON THE ARCHITECTURAL AND MECHANICAL DRAWINGS. IF ERRORS OR DISCREPANCIES IN THE DIMENSIONS OCCUR, IT SHALL BE THE SUPERINTENDENT'S RESPONSIBILITY TO BRING THE DISCREPANCY TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
5. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR EMBEDDED ITEMS NOT SHOWN HEREIN AND TO VERIFY SIZE AND LOCATION OF ALL OPENINGS.
6. REFERENCE ELEVATIONS
   A. ELEVATION OF 0'-0" EQUALS FINISH FLOOR ELEVATION (TOP SLAB) ON ARCHITECTURAL AND STRUCTURAL DRAWINGS.
7. FOUNDATIONS
   A. SOILS REPORT PREPARED BY THOMAS-HARTIG AND ASSOCIATES, INC., JOB NO. 83-695 IS AVAILABLE FOR INSPECTION AT THE OFFICES OF THE GENERAL CONTRACTOR. CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH THE REPORT PRIOR TO BIDDING.
   B. SPREAD FOOTINGS ARE DESIGNED TO BEAR ON COMPACTED STRUCTURAL FILL OR ON-SITE SOIL CAPABLE OF SUSTAINING PSF BEARING PRESSURE. ALL FOUNDATION BEARING MATERIAL SHALL BE INSPECTED AND APPROVED BY A SOILS ENGINEER PRIOR TO PLACING CONCRETE. IF SUITABLE BEARING CAPACITY IS NOT ENCOUNTERED AT THE ELEVATION INDICATED ON THE DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY.
   C. REFERENCE THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
8. CONCRETE
   A. ALL CONCRETE WORK SHALL CONFORM TO AMERICAN CONCRETE INSTITUTE STANDARD BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-77).
   B. MATERIALS SHALL COMPLY WITH:
      1. CEMENT-ASTM C150 TYPE I.
      2. AGGREGATE-ASTM C33 REFERENCE SPECIFICATIONS FOR SIZE REQUIREMENTS.
      3. WATER-POTABLE.
   C. CONCRETE SHALL DEVELOP THE FOLLOWING 28 DAY MINIMUM COMPRESSIVE STRENGTHS:
      1. FOUNDATION AND INTERIOR SLAB ON GRADE . . . . . 2500 PSI
      2. EXTERIOR SLABS AND CURBS . . . . . 3000 PSI
   D. CONTRACTOR SHALL SUBMIT THREE (3) COPIES OF THE MIX DESIGN FOR REVIEW. CONCRETE MIXES SHALL BE DESIGNED AND TESTED BY A TESTING LABORATORY. THE MIX DESIGN SHALL ESTABLISH THE QUANTITY OF ALL INGREDIENTS, INCLUDING WATER TO PRODUCE CONCRETE OF THE REQUIRED STRENGTH AND SLUMP.
   E. CAST CLOSURE POUR AROUND COLUMNS AFTER COLUMN DEAD LOAD IS APPLIED.
   F. MAXIMUM SLUMP 4½".
   G. REFERENCE THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
9. REINFORCING STEEL
   A. ASTM A615 (Fy = 60,000 PSI) DEFORMED BARS FOR ALL BARS #6 AND LARGER. ASTM A615 (Fy = 40,000 PSI) DEFORMED BARS FOR ALL BARS #5 AND SMALLER. WELDED WIRE FABRIC PER ASTM A185, WIRE PER ASTM A82. LATEST ACI CODE AND DETAILING MANUAL APPLY. CLEAR CONCRETE COVERAGES AS FOLLOWS:
      CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH . . . . . 3"
      EXPOSED TO EARTH OR WEATHER
         #6 AND LARGER . . . . . 2"
         #5 AND SMALLER . . . . . 1½"
      COLUMNS (TO TIES) . . . . . 1½"
      BEAMS (TO STIRRUPS) . . . . . 1½"
      ALL OTHERS PER LATEST EDITION OF ACI 318.
   B. ALL EXTERIOR WALLS SHALL HAVE #5 VERTICAL BARS AT WALL CORNERS, WALL INTERSECTIONS, JAMBS OR WALL OPENINGS, AND AT INTERVALS NOT TO EXCEED 4'-0" O.C. ALL REINFORCING BARS TO BE GROUTED SOLID IN BLOCK CELLS.
   C. SHOP DRAWINGS OF ALL REINFORCING STEEL SHALL BE SUBMITTED FOR APPROVAL. ALL SHOP DRAWINGS SHALL GIVE COMPLETE BENDING DETAILS AND SCHEDULE LIST FOR REINFORCING BARS REQUIRED. DETAILS SHALL CONFORM TO ACI AND CRSI STANDARDS AND PRACTICES.
   D. REFERENCE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
10. CAST-IN-PLACE CONCRETE--EXECUTION
   A. AT ALL OPENINGS IN CONCRETE WALLS AND SLABS, ADD 2- #5 BARS (OPENING DIMENSION PLUS 60 BAR DIAMETERS LONG) AT EACH OF FOUR SIDES AND ADD 2 #5 x 5'-0" DIAGONALLY AT EACH OF FOUR CORNERS.
   B. THE UNIT OF POUR FOR FOUNDATION WALLS AND FOOTINGS SHALL NOT EXCEED 80 LINEAR FEET IN ANY DIRECTION. CONSTRUCTION JOINTS SHALL BE DOWELED AND KEYED.
   C. COORDINATE CONCRETE WORK WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ARCHITECTURAL FINISHED CONCRETE, RECESSED AREAS, EMBEDDED ITEMS, AND SPECIAL CONTROL JOINT PATTERNS. NO ALUMINUM ITEMS SHALL BE EMBEDDED IN CONCRETE.
   D. REFERENCE THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
11. STRUCTURAL STEEL
   A. ALL STRUCTURAL STEEL SHALL BE ASTM A36 (Fy - 36,000 PSI).
   B. ALL PIPE STEEL SHALL BE ASTM A501 (Fy = 36,000 PSI) OR ASTM A53, TYPES E OR S, GRADE B (Fy = 35,000 PSI).
   C. ALL TUBULAR STEEL SHALL BE ASTM A500 (Fy = 46,000 PSI).
   D. BOLTS SHALL BE ASTM A307 OR ASTM A325.
   E. ALL EXPANSION BOLTS TO BE RED HEAD PHILLIPS TYPE.
   F. ALL REFERENCE TO HEADED STUDS SHALL INDICATE AUTOMATIC WELDED HIGH STRENGTH HEADED STUDS (NELSON STUDS OR EQUIVALENT).
   G. LATEST AISC AND AWS CODES APPLY. ALL CONSTRUCTION PER LATEST AISC HANDBOOK.
   H. ALL WELDING BY WELDERS HOLDING VALID CERTIFICATES AND HAVING CURRENT EXPERIENCE IN TYPE OF WELD SHOWN ON THE DRAWINGS OR NOTES.
   I. ALL WELDING BY E70 SERIES LOW HYDROGEN RODS. ALL WELDING PER AMERICAN WELDING SOCIETY STANDARDS.
   J. MEMBER SPLICES (SHOP OR FIELD) WILL NOT BE PERMITTED UNLESS INDICATED ON THE DRAWINGS.
   K. ALL STRUCTURAL STEEL SHALL HAVE ONE SHOP COAT OF PRIMER PAINT. FIELD TOUCH UP ALL UNPAINTED AREAS AND WELD AREAS.
   L. REFERENCE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
12. MASONRY
   A. CONCRETE BLOCK SHALL BE GRADE UI IN ACCORDANCE WITH ASTM C-90, f'm = 1350 PSI. PROVIDE "DUR-O-WAL" REINFORCEMENT AT 16" O.C. IN HORIZONTAL JOINTS.
   B. MORTAR: TYPE 'S' - 1800 PSI AT 28 DAYS.
   C. GROUT: 2000 PSI AT 28 DAYS.
   D. ROD GROUT IN VERTICAL SPACES IMMEDIATELY AFTER POURING AND AGAIN ABOUT FIVE MINUTES LATER. PROVIDE CLEAN-OUTS IF GROUT LIFT EXCEEDS 4'-0" IN BLOCK WALLS. MAXIMUM GROUT LIFT SHALL BE 8'-0".
   E. UNLESS NOTED OTHERWISE ON THE PLANS, PLACE CONSTRUCTION JOINTS IN MASONRY WALLS SUCH THAT NO STRAIGHT RUN OF WALL EXCEEDS 24'-0".
   F. KEEP MASONRY WALLS SHORED DURING CONSTRUCTION UNTIL THE ROOF DECK AND FLOOR SLABS ARE IN PLACE TO PROVIDE LATERAL STABILITY.
   G. VERTICAL REINFORCING:
      IN CENTER OF GROUT AT CENTER OF WALL, CONTINUOUS FULL HEIGHTS OF WALL WITH 1 #5 AT ALL CORNERS, INTERSECTIONS, WALL ENDS, BEAM BEARINGS, JAMBS AND EACH SIDE OF CONSTRUCTION JOINTS AND AT INTERVALS NOT TO EXCEED 48" O.C. UNLESS OTHERWISE NOTED. TIE AT 8'-0" VERTICALLY, WITH SINGLE WIRE LOOP TIE BY A.A. WIRE PRODUCTS COMPANY. LAP SPLICES SHALL BE 30 BAR DIAMETERS FOR UP TO #6 BARS AND 40 BAR DIAMETERS FOR #7 BARS AND LARGER. DOWEL ALL VERTICAL REINFORCING TO FOUNDATION WITH DOWELS TO MATCH VERTICAL WALL OR COLUMN REINFORCING.
   H. HORIZONTAL REINFORCING:
      2-#5 IN MINIMUM 8" DEEP GROUTED CONTINUOUS BOND BEAM AT ROOF AND ELEVATED FLOOR LINES. 1-#5 IN MINIMUM 8" DEEP GROUTED CONTINUOUS BOND BEAM AT TOP OF PARAPET. PLACE THESE BARS CONTINUOUS THRU CONSTRUCTION JOINTS. WRAP MASTIC TAPE FOR 1'-6" EACH SIDE OF CONSTRUCTION JOINT. PROVIDE BENT BARS, TO MATCH HORIZONTAL BOND BEAM REINFORCING, AT CORNERS AND WALL INTERSECTION TO MAINTAIN BOND BEAM CONTINUITY. LAP SPLICES SHALL BE 30 BAR DIAMETERS FOR UP TO #6 BARS AND 40 BAR DIAMETERS FOR #7 BARS AND LARGER. STAGGER ALTERNATE SPLICES A MINIMUM OF 40 BAR DIAMETERS. STANDARD WEIGHT (NO. 9 GAGE WIRE) "DUR-O-WAL" OR "DU-O-WIRE" LADDER TYPE JOINT REINFORCEMENT AT 16" O.C. IN MASONRY WALLS.
13. WOOD
   A. FRAMING LUMBER SHALL BE DOUGLAS FIR LARCH, 2 x 6 & WIDER, NO. 1 GRADE, Fb = 1350 PSI AND SHALL BE STAMPED WITH THE GRADE MARK OF AN APPROVED LUMBER GRADING AGENCY. 2 x 4 STUDS SHALL BE NO. 2 GRADE, Fb = 1200 PSI.
   B. GLU-LAM BEAMS SHALL BE DOUGLAS FIR OR LARCH COMBINATIONS 24 F (Fb = 2400 PSI) AND SHALL BE PROVIDED WITH AITC CERTIFICATE OF INSPECTION. CONCEALED BEAMS TO BE INDUSTRIAL GRADE; EXPOSED BEAMS SHALL BE ARCHITECTURAL GRADE.
   C. ROOF PLYWOOD SHEATHING SHALL BEAR ON FRAMING MEMBERS AND BUTT ALONG THEIR CENTRAL LINES. USE 8d NAILS AT 12" O.C. ALONG ALL INTERMEDIATE BEARINGS AND 8d NAILS AT 6" O.C. ALONG ALL PLYWOOD EDGE BEARINGS. USE 8d NAILS AT 4" O.C. OVER ALL EXTERIOR WALLS AND OVER CENTER BEARING PARTITIONS AND GLU-LAM BEAMS. SPAN INDEX RATIO 24/0.
   D. MISCELLANEOUS FRAMING ANCHORS SHALL BE 'SIMPSON' OR EQUAL.
   E. ALL BOLTS IN LUMBER SHALL HAVE 2" DIAMETER CUT WASHER UNDER BOLT HEADS AND NUTS UNLESS NOTED OTHERWISE.
   F. ALL NAILS USED IN FRAMING SHALL BE COMMONS. NAILING NOT NOTED SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE UNIFORM BUILDING CODE.
   G. ALL PLYWOOD EXPOSED TO WEATHER SHALL BE EXTERIOR GRADE.
   H. SILL BOLTING FOR INTERIOR NON-BEARING WALLS SHALL BE APPROVED SHOT PINS WITH CADMIUM WASHERS AT 4'-0" O.C. PINS SHALL BE ¼" DIAMETER MINIMUM X 3" MINIMUM LENGTH.
14. ENGINEERING DESIGN--ANY ENGINEERING DESIGN, DONE BY OTHER THAN THE ENGINEER OF RECORD AND INCORPORATED IN THIS DESIGN, SHALL BE SEALED BY AN ENGINEER REGISTERED IN THE STATE OF ARIZONA.

SHOWBIZ PIZZA PLACE

856 S. ALMA SCHOOL RD.
S-M PIZZA INC. STORE NO. 2
2990 E. NORTHERN AVENUE · SUITE 100C
PHOENIX, ARIZONA

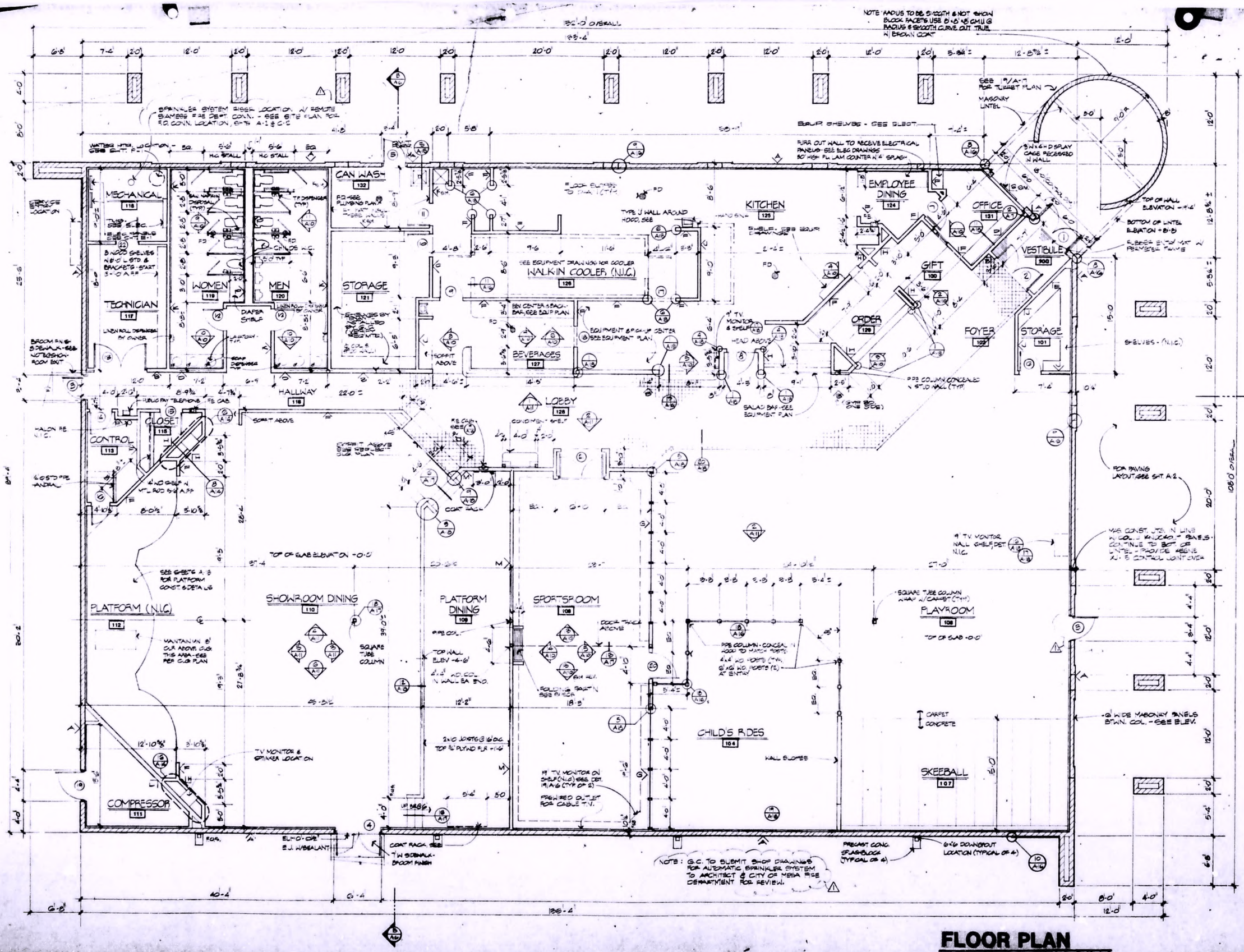
CAMELBACK ROAD SUITE 205 PHOENIX, ARIZONA 85014 · (602) 264-2697

DATE:	10/31/88
JOB NO.	8868
PROJECT MGR:	EHC
DRAWINGS BY:	CB, EHC
REVIEWED BY:	

REVISION DATES
△ 15 NOV 88
△ 8 DEC 88

UMBERGER ASSOCIATES
CAD/PLANNING·ARCHITECTURE·LANDSCAPE ARCHITECTURE · 815 EAST

A-3



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SHOWBIZ PIZZA PLACE

856 S. ALMA SCHOOL RD.
S-M PIZZA INC. STORE NO. 2
2990 E. NORTHERN AVENUE · SUITE 10C
PHOENIX, ARIZONA

UMBERGER ASSOCIATES
LAND PLANNING · ARCHITECTURE · LANDSCAPE ARCHITECTURE · 815 EAST CAMELBACK ROAD SUITE 205 · PHOENIX, ARIZONA 85014 · (602) 264-2917

REVISION DATES

DATE:
JOB NO.
PROJECT MGR.
DRAWINGS BY:
REVIEWED BY:

A-4

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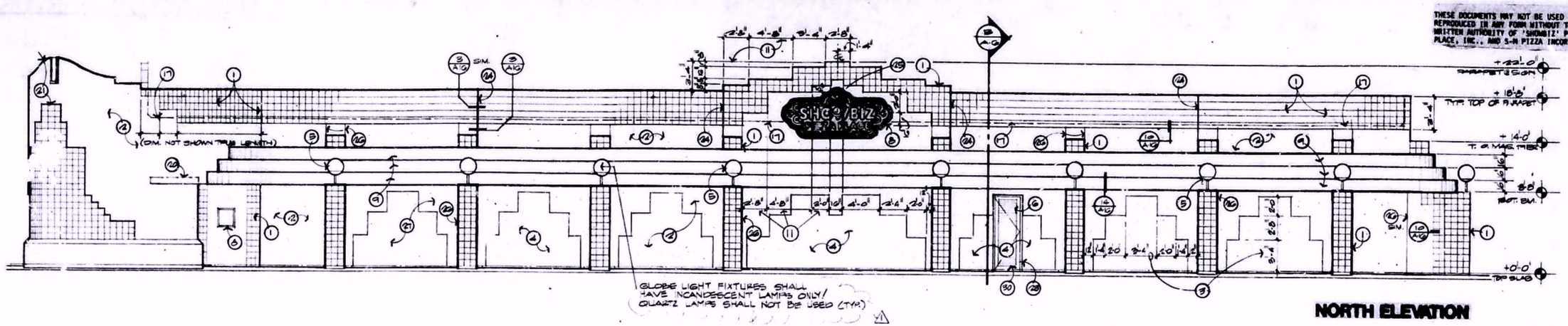
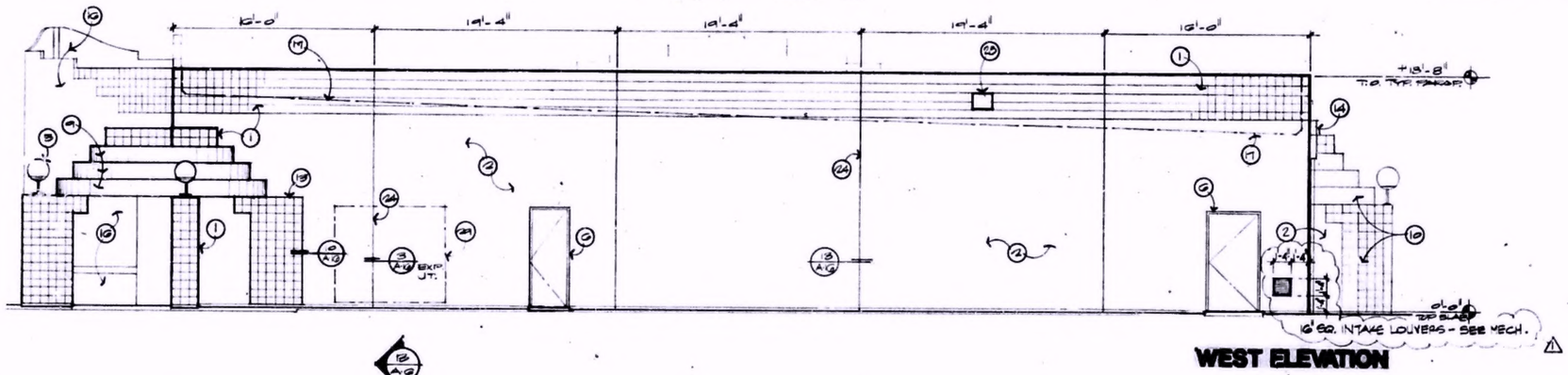
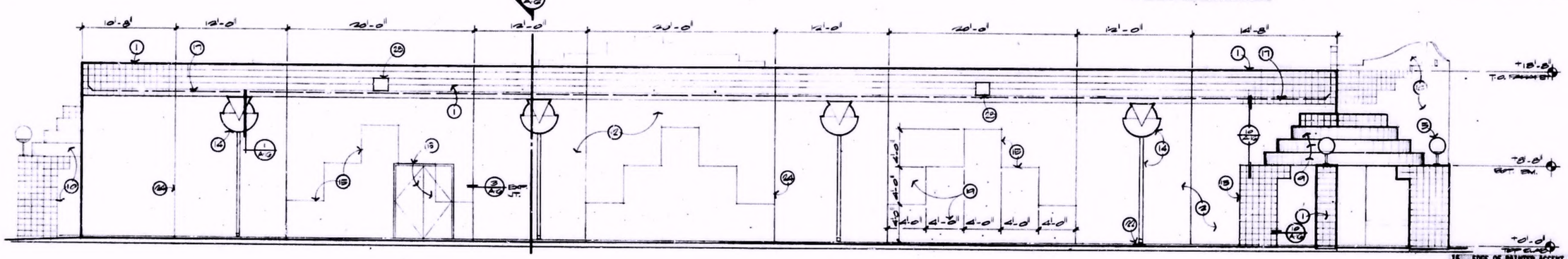


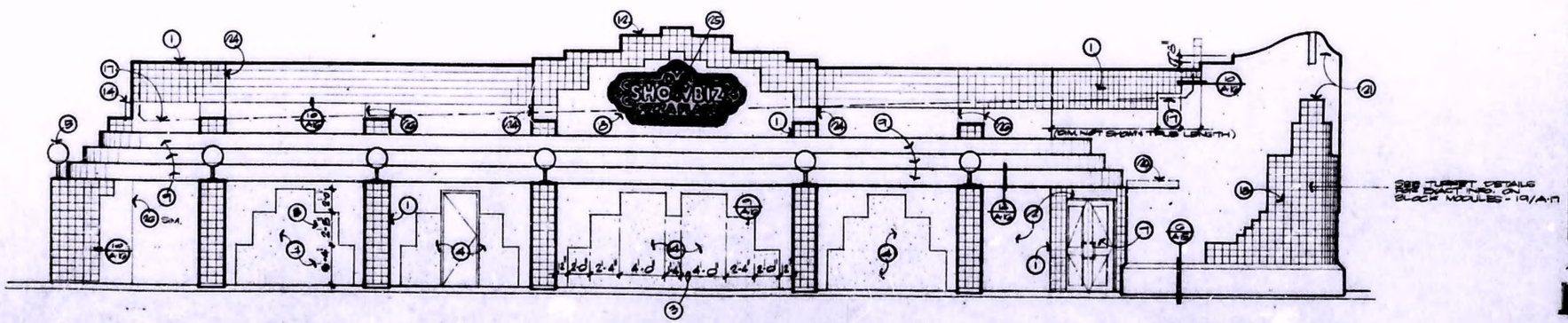
NORTH ELEVATION



WEST ELEVATION



SOUTH ELEVATION



EAST ELEVATION

NOTES

1. EXPOSED C.M.U. WITH CENTER SCORE JOINT (SANDBLASTED).
2. 'SAND' STUCCO FINISH ON STD. C.M.U. (TYPICAL).
3. HORIZONTAL AND VERTICAL DIMENSION OF TYPICAL RECESS.
4. PAINT RECESSED PANEL PASTEL ACCENT COLOR.
5. 18" DIAMETER INCAND. 'GLOBE' FIXTURE ON WHITE POLE BASE. (SEE SPECS).
6. H.M. DOOR IN H.M. FRAME.
7. ALUMINUM/GLASS DOORS IN ALUMINUM FRAME.
8. 'SHOWBIZ' SIGN BY OTHERS.
9. 16" DEEP DECORATIVE STEEL BAND--SEE DETAILS.
10. MAS. PIER AND STEEL BANDS BEYOND.
11. DIMENSIONS SHOWN ARE TYPICAL FOR EACH SIGN PARAPET.
12. SEE NORTH ELEVATION FOR PARAPET DIMENSIONS.
13. SCORED, SANDBLASTED C.M.U. FLUSH WITH STUCCO TO MIMIC MAS. PIER SHAPE.
14. DECORATIVE LEADER AND DOWNSPOUT (TYP. OF 4).
15. EDGE OF PAINTED ACCENT AREA (TYP.).
16. TURRET BEYOND.
17. ROOF PROFILE BEYOND SHOWN DASHED.
18. REFLECTIVE GLASS BLOCK AT TURRET.
19. TYPICAL DIMENSIONS OF PAINTED ACCENTS.
20. TOP OF CURVED WALL BEYOND AT +9'-4" SHOWN DASHED.
21. FOR DIMENSIONS OF GLASS BLOCK AND CURVED PARAPET, SEE ELEVATION, DRAWING A-7.
22. PRECAST CONCRETE SPLASHBLOCK (TYP. OF 4).
23. EXTERIOR FACE OF FRAME FLUSH WITH STUCCO FINISH.
24. MASONRY EXPANSION JOINT WITH COMPRESSIBLE FILLER AND SEALANT WITH BACKER ROD.
25. PROVIDE J-BOX IN MAS. FOR BUILDING SIGNAGE.
26. REQUIRE E-J-75 STUCCO CONTROL JOINT EACH SIDE OF COLUMN FROM SLAB TO BOTTOM OF SCORED BLOCK.
27. MASONRY KNOCK-OUT PANEL TO 8'-0" A.F.F.--SEE FLOOR PLAN.
28. PLCS. MTR. AREA LIGHTING (SHARP CUT OFF)
29. SEE LOCATION
30. LOUVERED DOOR @ GAS VALVE

ELEVATIONS

3/16"=1'-0"

SHOWBIZ PIZZA PLACE

856 S. ALMA SCHOOL RD.
S-M PIZZA INC. STORE NO. 2
2990 E. NORTHERN AVENUE · SUITE 101C
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DATE:	10-8-88
JOB NO.	8824
PROJECT MGR.	GRD
DRAWINGS BY:	SR/CS
REVIEWED BY:	

REVISION DATES

△ 1-5-89

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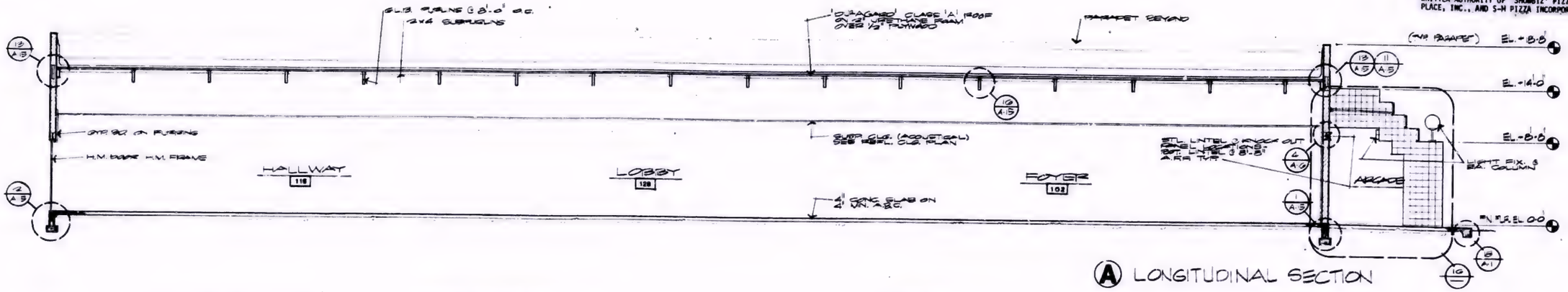
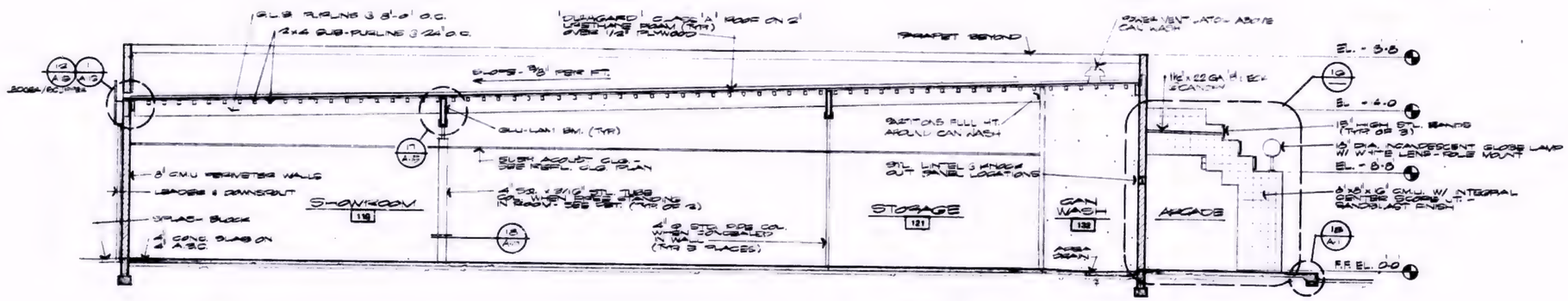


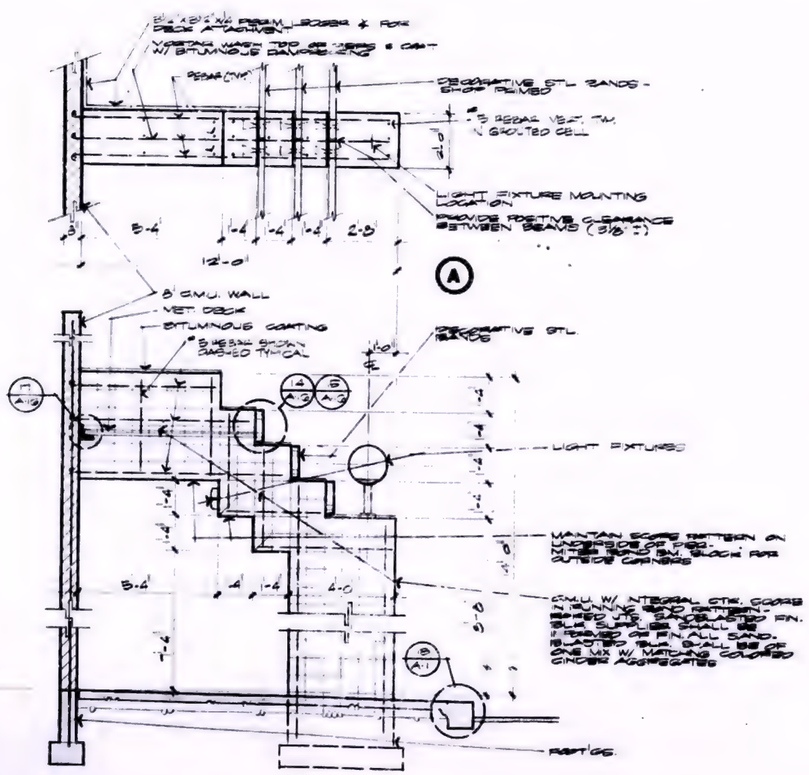
Ⓐ LONGITUDINAL SECTION



Ⓑ TRANSVERSE SECTION

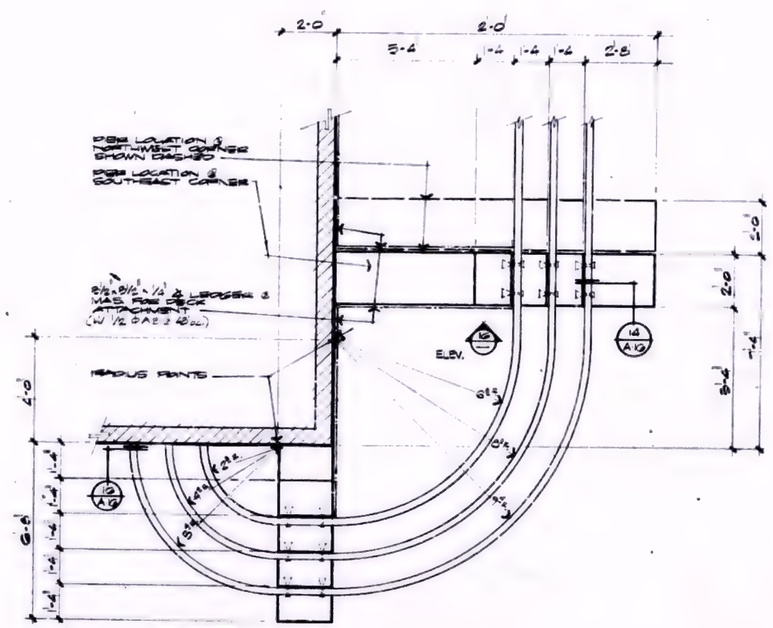
UL ROOF DATA

1. DURAGARD COATING - CLASS 'A' ROOF COATING PER UL CLASSIFICATION CARD No. 00000, PARAGRAPHS 1.&4.
2. URETHANE FOAM - CLASS 'A' FOAM PER UL 790.
3. ROOFING INSTALLATION SHALL COMPLY W/ UL DATA & SPECIFICATIONS.

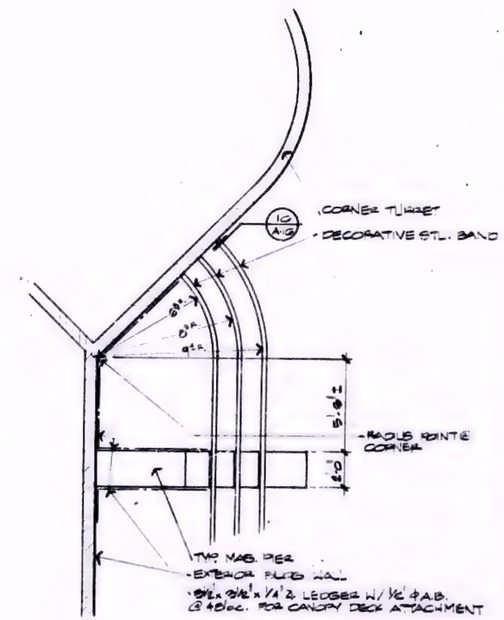


Ⓐ

⑲ MASONRY PIER DETAILS 3/8"=1'-0"



⑱ STEEL BANDS PLAN @ BLDG. CORNERS 3/8"=1'-0"



⑳ STEEL BANDS @ ENTRY TURRET 1/4"=1'-0"

SHOWBIZ PIZZA PLACE

856 S. ALMA SCHOOL RD.
S-M PIZZA INC. STORE NO. 2
2990 E. NORTHERN AVENUE · SUITE 106
PHOENIX, ARIZONA

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△ REV. 2 NOV 88

REVISION DATES

DATE: 10-9-88
JOB NO.: 8224
PROJECT MGR: GRD
WINGS BY: GRD
REVIEWED BY:

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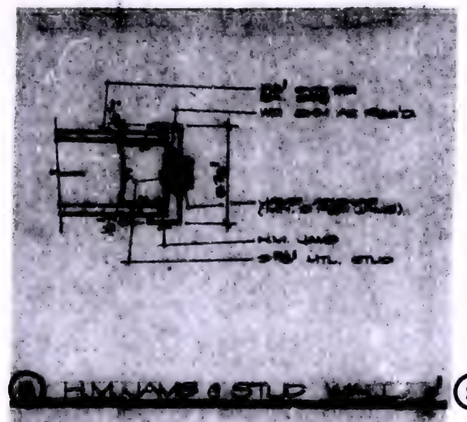
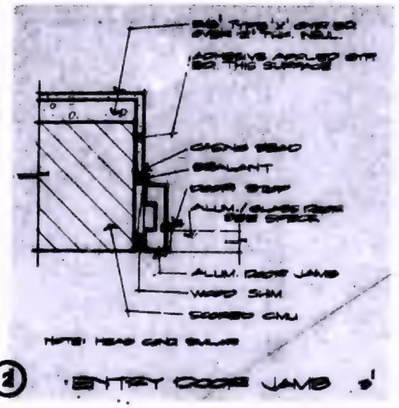
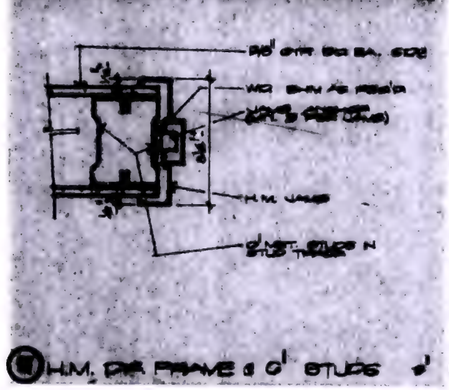


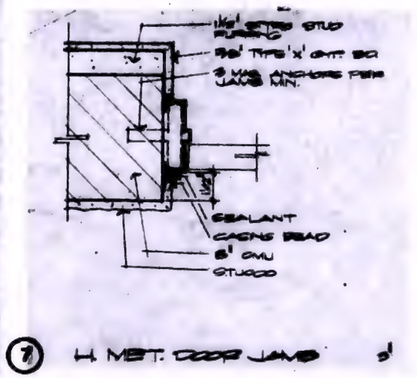
1 H.M. JAMB & STUD WALL



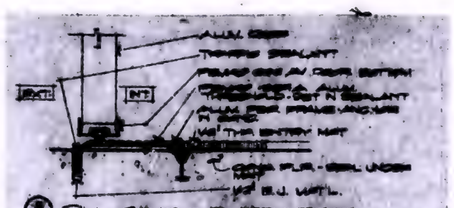
2 ENTRY DOOR JAMB



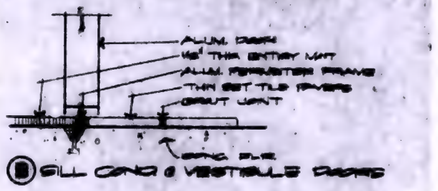
3 H.M. DR FRAME & 6" STUDS



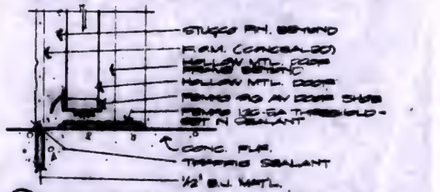
7 H. MET. DOOR JAMB



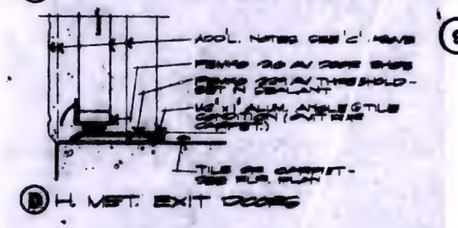
4 SILL COND & ENTRY DOORS



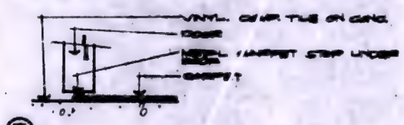
5 SILL COND & VESTIBULE DOORS



6 H. MET. DOORS & COMPRESSOR RM.



8 H. MET. EXIT DOORS

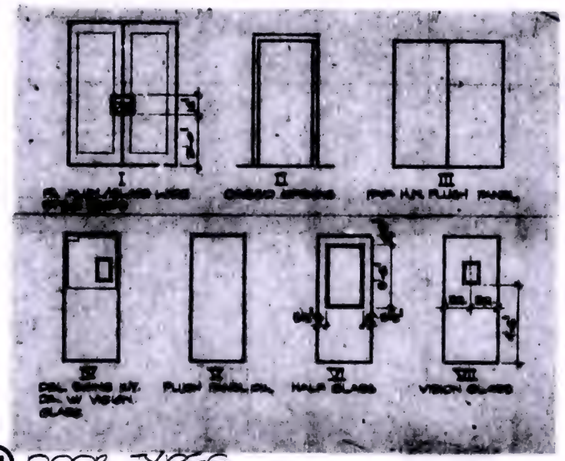


11

DOOR				FRAME					UL FIRE LABEL	REMARKS
NO.	TYPE	MAT.	SIZE	MAT.	HEAD	JAMB	SILL	HDW.		
*1	I	ALUM/ GLASS	PR 3'-0"x7'-0" (PAIR)	ALUM.	2/- SIM.	2/-	19A/-	A	—	CLR. ANOD. FINISH & PROVIDE PANIC DEVICE ON HDW.
*2	I	"	"	"	1/- SIM.	1/- SIM.	18B/-	B	—	ALUMINUM EXT. W/ HAND PULL & THE DOORS OF PANIC HDW.
3	IX	H.M.	3'-0"x7'-0"x1 3/4"		7/- SIM.	7/-	19D/-	C	—	PROVIDE PIN TYPE PANIC EXIT DEVICE
4	III	H.M.	PR 3'-0"x7'-0"x1 3/4"	H.M.	7/- SIM.	7/-	19D/-	D	—	PROVIDE PIN TYPE PANIC EXIT DEVICE
5	IX	H.M.	3'-0"x7'-0"x1 3/4"	H.M.	18/- SIM.	18/-	NONE	E	—	PROVIDE FULL LOUVERED DOOR (STL. VANDALPROOF LOUVER)
6	IX	S.C. WOOD	3'-0"x7'-0"x1 3/4"	H.M.	1/- SIM.	1/-	15B/-	F	—	-
7	XII	S.C. WOOD	3'-0"x7'-0"x1 3/4"	H.M.	1/- SIM.	1/-		G	—	
8	XII	S.C. WOOD	3'-0"x7'-0"x1 3/4"	H.M.	1/- SIM.	1/-		H	—	
9	IX	[illegible]	3'-0"x7'-0"x 3/4"	H.M.	[illegible]	1/-		J	—	PLAST. LAM. FACE (C) PLYWD.-SEE SPECS. (SLAGON)
10	IX	S.C. WOOD	3'-0"x7'-0"x1 3/4"	H.M.	1/- SIM.	1/-		K	—	
11	IX	H.M.	3'-0"x7'-0"x1 3/4"	H.M.			19C/-	L	—	SILL TYPE 19D IF QUARRY TILE OCCURS IN KITCHEN
12	IX	S.C. WOOD	PR 3'-0"x7'-0"x1 3/4"	H.M.	1/- SIM.	1/-	[illegible]	M	—	BULLNOSE TILE TO ALIGN AT TRANSITION TO OCCUP. (NOW DOOR)
13	IX	S.C. WOOD	PR 3'-0"x7'-0"x1 3/4"	H.M.	2/- SIM.	2/-	19B/-	N	—	
14	IX	S.C. WOOD	2'-0"x7'-0"x1 3/4"	H.M.	1/- SIM.	1/-	19B/-	O	—	
15	IX	S.C. WOOD	3'-0"x7'-0"x1 3/4"	H.M.	1/- SIM.	1/-	19B/-	O	—	
16	IX	S.C. WOOD	2'-0"x7'-0"x1 3/4"	H.M.	1/- SIM.	1/-		P	—	
17	II	NONE	3'-0"x7'-0" OPNG.	H.M.	1/- SIM.	1/-		-	—	
18	II	NONE	2'-0"x7'-0" OPNG.	H.M.	1/- SIM.	1/-		-	—	
19	IX	H.M.	4'-0"x7'-0"x 3/4"	H.M.	7/- SIM.	7/-	19C/-	B	—	
20	VIII	S.C. WD	3'-0"x7'-0"x 3/4"	H.M.	1/- SIM.	1/-	NONE	W	—	DOOR CLOSER TO HAVE 90° HOLD OPEN FEATURE
21	VIII	SC WD	PR 3'-0"x7'-0"x1 3/4"	H.M.	1/- SIM.	1/-	NONE	T	—	I
22	X	SC WD	3'-0"x7'-0"x1 3/4	H.M.	1/- SIM.	1/-	NONE	K	—	PROVIDE FLOOR STOP IN LIEU OF WALL STOP.

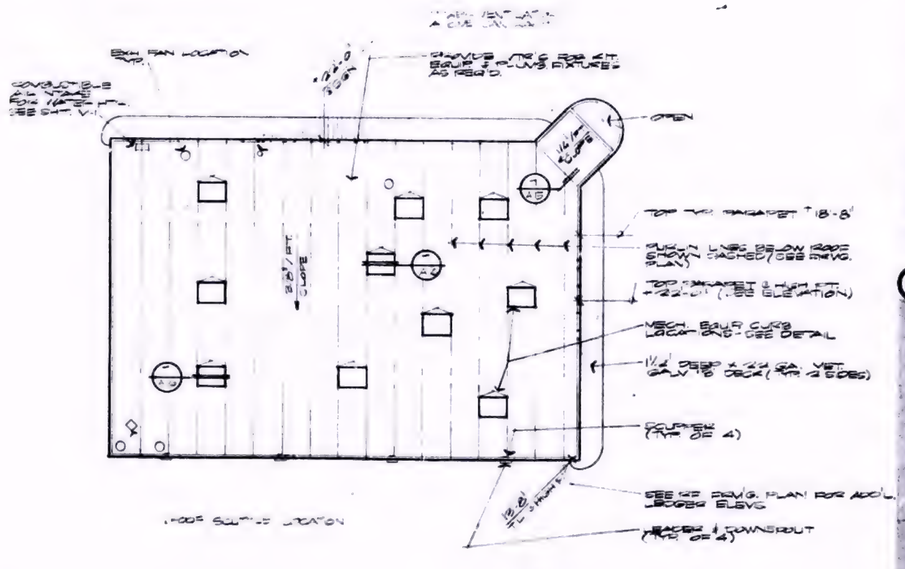
* PLACE SIGN ABOVE DOOR ON FRAME STATING (IN 1" LETTERS): " THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS "

9 DOOR SCHEDULE



14 DOOR TYPES

THESE DOCUMENTS MAY NOT BE USED OR REPRODUCED IN ANY FORM WITHOUT THE WRITTEN AUTHORITY OF 'SHOWBIZ' PIZZA PLACE, INC., AND S-M PIZZA INCORPORATED.



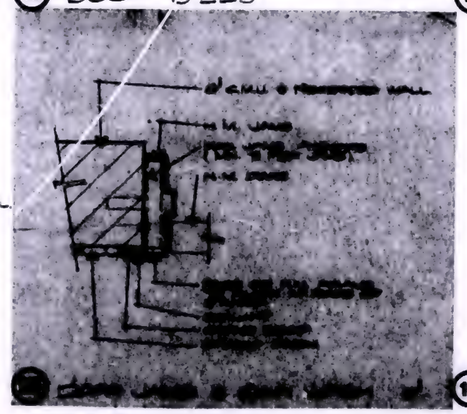
16 ROOF PLAN

1"=20'-0"

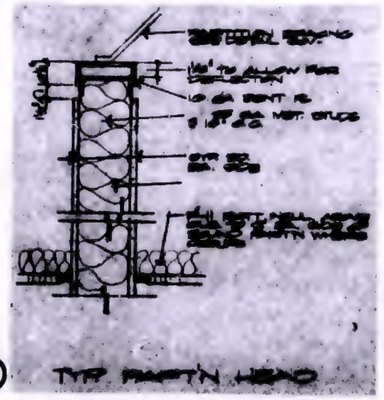
UL ROOF DATA

1. OVERHAND COATING - CLASS 'A' ROOF COATING PER UL CLASS-FICATION CARD No. 00006C, PARAGRAPHS 1, & 4.
2. UPSTANDS FOAM - CLASS 'A' FOAM PER UL TRD.
3. ROOFING INSTALLATION SHALL COMPLY WITH UL TEST DATA & SPECIFICATIONS.

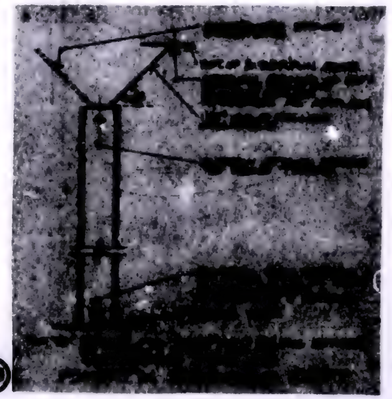
△



13 DOOR SILLS



19 TYP. PARAPET HEAD



20

SHOWBIZ PIZZA PLACE

856 S. ALMA SCHOOL RD.
S-M PIZZA INC. STORE NO. 2
2990 E. NORTHERN AVENUE · SUITE 100
PHOENIX, ARIZONA

UMBERGER ASSOCIATES
LAND PLANNING·ARCHITECTURE·LANDSCAPE ARCHITECTURE · 845 EAST CAMELBACK ROAD SUITE 305 PHOENIX, ARIZONA 85014 · (602) 264-2967

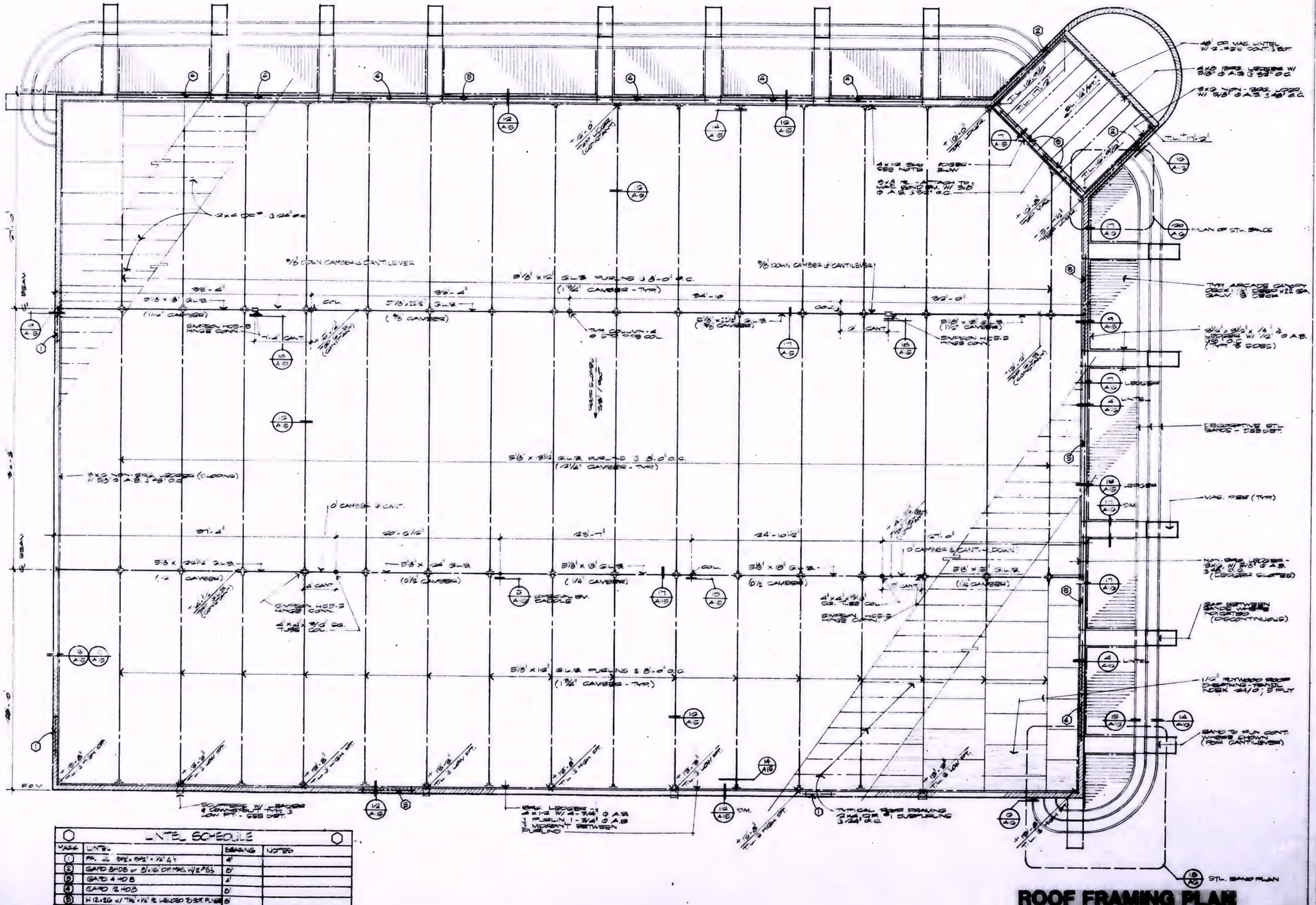
△ REV. 2 NOV 89

DATE: 10-9-88
JOB NO. 8324
PROJECT MGR: GPD
DRAWN BY: EL/GB
REVIEWED BY:

REVISION DATES

A·7

THESE DOCUMENTS MAY NOT BE USED OR REPRODUCED IN ANY FORM WITHOUT THE WRITTEN AUTHORITY OF 'SHOWBIZ' PIZZA PLACE, INC., AND S-M PIZZA INCORPORATED.



LINTEL SCHEDULE

MARK	LINTEL	BEARING	NOTES
1	PR. L 3 1/2" x 3 1/2" x 1/4" 4'	4"	
2	GAPD 8HDB or 8"x16" DP. MAC W/ 2 Ø's	8"	
3	GAPD 4 HDB	4"	
4	GAPD 2 HDB	8"	
5	W 12x26 W/ TPL 1/4" PL WELDED TO BOT. FLANGE	8"	
6			

ROOF FRAMING PLAN

1/8"=1'-0"

SHOWBIZ PIZZA PLACE

856 S. ALMA SCHOOL RD.
S-M PIZZA INC. STORE NO. 2
2990 E. NORTHERN AVENUE · SUITE 100C
PHOENIX, ARIZONA

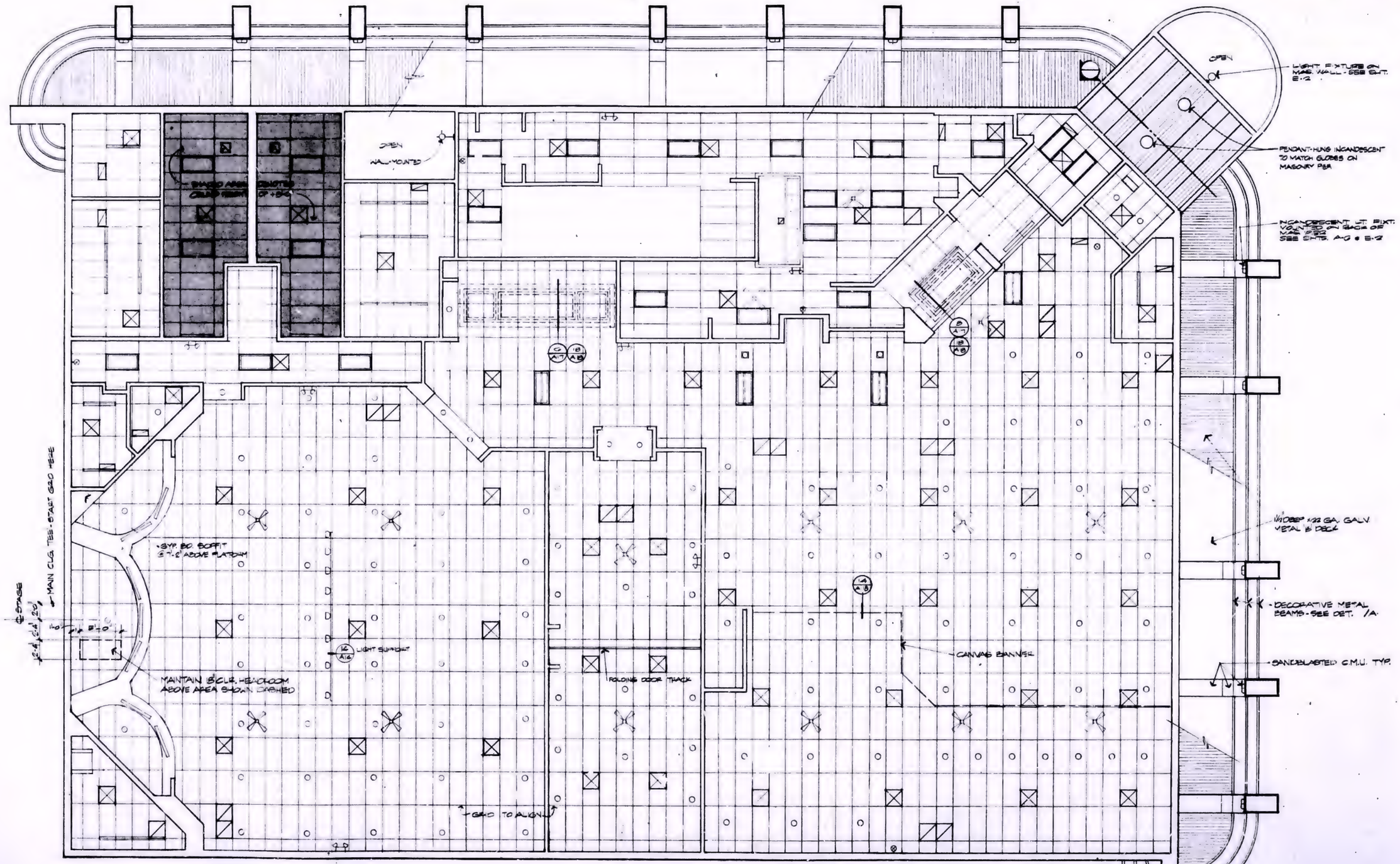
UMBERGER ASSOCIATES
LAND PLANNING · ARCHITECTURE · LANDSCAPE ARCHITECTURE · 845 EAST CAMELBACK ROAD SUITE 305 PHOENIX, ARIZONA 85014 · (602) 264-2367

REVISION DATES

DATE: 12-8-88
JOB NO. 884
PROJECT MGR. SRD
DRAWING BY: SD/B
REVIEWED BY:

A-8

THESE DOCUMENTS MAY NOT BE USED OR REPRODUCED IN ANY FORM WITHOUT THE WRITTEN AUTHORITY OF 'SHOWBIZ' PIZZA PLACE, INC., AND S-M PIZZA INCORPORATED.



LEGEND

- 2x4 RECESSED FLUOR. LIGHT FIXTURE
- SURFACE MTD. FLUOR. LIGHT FIXTURE
- INCANDESCENT LIGHT FIXTURE
- VARIABLE SPEED CEILING FAN N.I.C.
- EMERGENCY LIGHT FIXTURE
- EXIT LIGHT
- TRACK LIGHT (INCAND.) N.I.C.
- ROOM NUMBER
- RETURN OR EXHAUST GRILLE
- SUPPLY DIFFUSER
- PENDANT HUNG GLOBE LAMP (INCAND.)

NOTE: SEE ELECT. DRAWINGS FOR SPEAKER LOCATIONS

REFLECTED CEILING PLAN

3/16"=1'-0"

NORTH

SHOWBIZ PIZZA PLACE

856 S. ALMA SCHOOL RD.
S-M PIZZA INC. STORE NO. 2
2990 E. NORTHERN AVENUE · SUITE 106
PHOENIX, ARIZONA

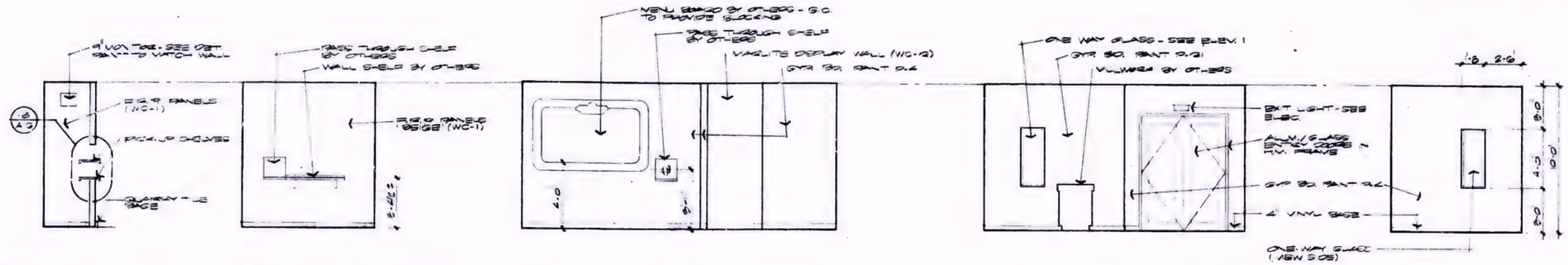
UMBERGER ASSOCIATES
LAND PLANNING · ARCHITECTURE · LANDSCAPE ARCHITECTURE · 815 EAST CAMELBACK ROAD SUITE 205 PHOENIX, ARIZONA 85014 · (602) 264-2697

REVISION DATES

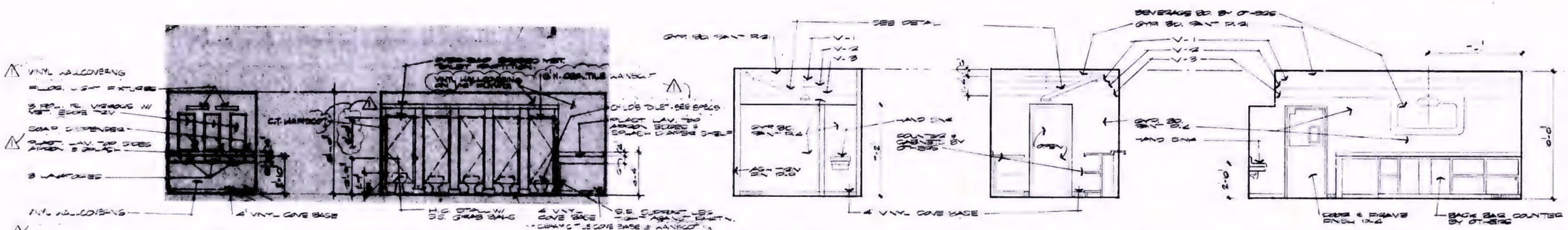
DATE: 10-9-85
JOB NO. 8524
PROJECT MGR. SRD
DRAWINGS BY: SDV/CG
REVIEWED BY:

A-9

THESE DOCUMENTS MAY NOT BE USED OR REPRODUCED IN ANY FORM WITHOUT THE WRITTEN AUTHORITY OF 'SHOWBIZ' PIZZA PLACE, INC., AND S-M PIZZA INCORPORATED.

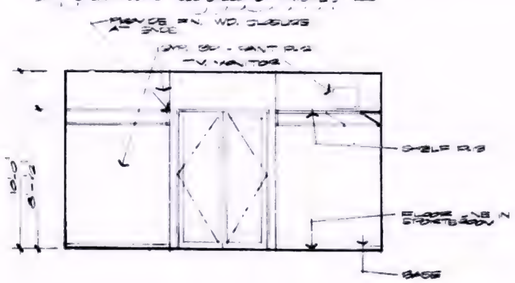


5 PICK-UP WALL 4 KITCHEN / ROOM 126 3 ORDER - GIFT WALL / ROOMS 129 + 130 2 GIFT - FOYER / ROOMS 130 + 102 1 OFFICE / ROOM 131

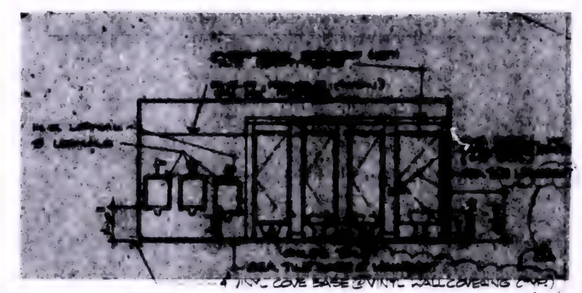


10 TYP. LAVATORY WALL 9 WOMENS' REST ROOM / RM. 119 8 BEVERAGE WALL 7 BEVERAGE WALL 6 BEVERAGE BACK BAR WALL

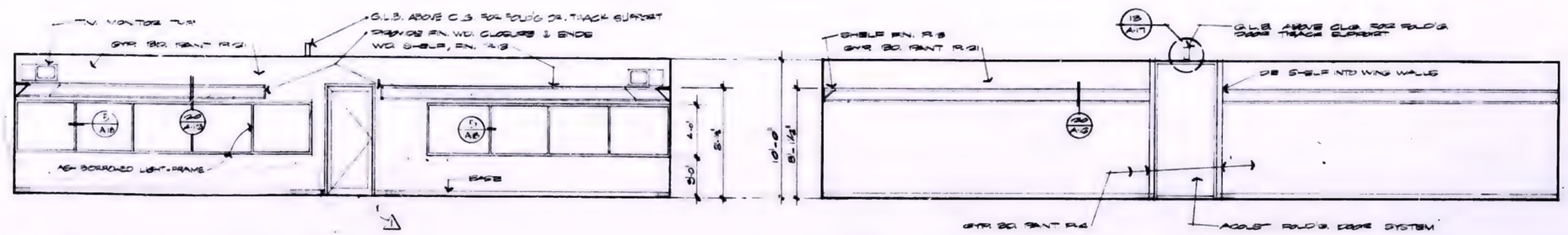
NOTE: WALLS SHALL BE VINYL WALLCOVERING OR CERAMIC TILE WAINSCOT ON WALL GYP. BD. FOR BATHROOMS - SEE SPECS FOR FINISHES.



13 SPORTSROOM NORTH WALL / RM. 108



11 MENS' RESTROOM / ROOM 120



15 SPORTSROOM EAST WALL / ROOM 108 14 SPORTSROOM WEST WALL / ROOM 108

SHOWBIZ PIZZA PLACE

856 S. ALMA SCHOOL RD.
S-M PIZZA INC. STORE NO. 2
2990 E. NORTHERN AVENUE · SUITE 100
PHOENIX, ARIZONA

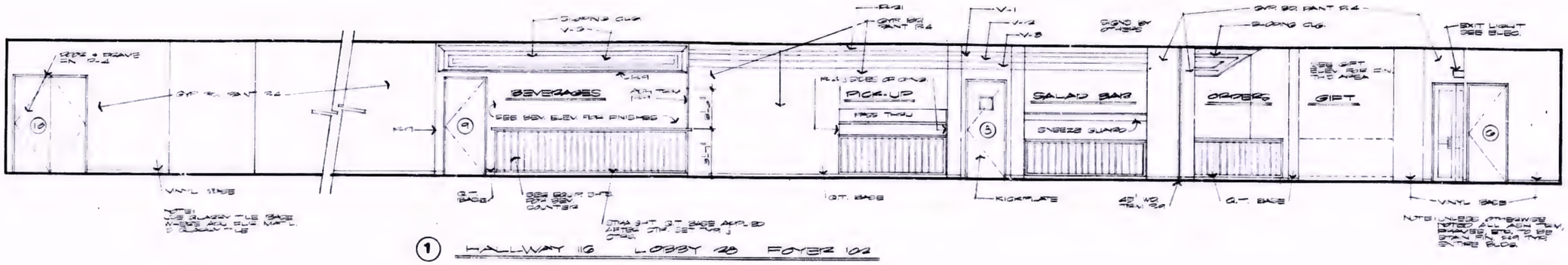
UMBERGER ASSOCIATES
LAND PLANNING·ARCHITECTURE·LANDSCAPE ARCHITECTURE · 815 EAST CAMELBACK ROAD SUITE 305 PHOENIX, ARIZONA 85014 · (602) 264-2697

DATE:	2.8.88
JOB NO.	8824
PROJECT MGR:	SMO
DRAWN BY:	21,50
REVIEWED BY:	

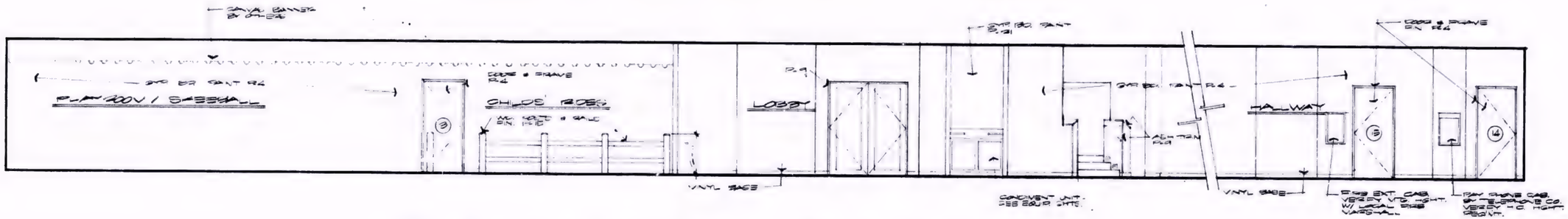
REVISION DATES

A 6-10-88

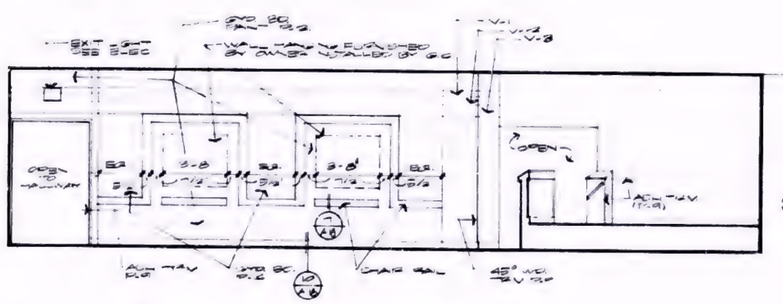
A-10



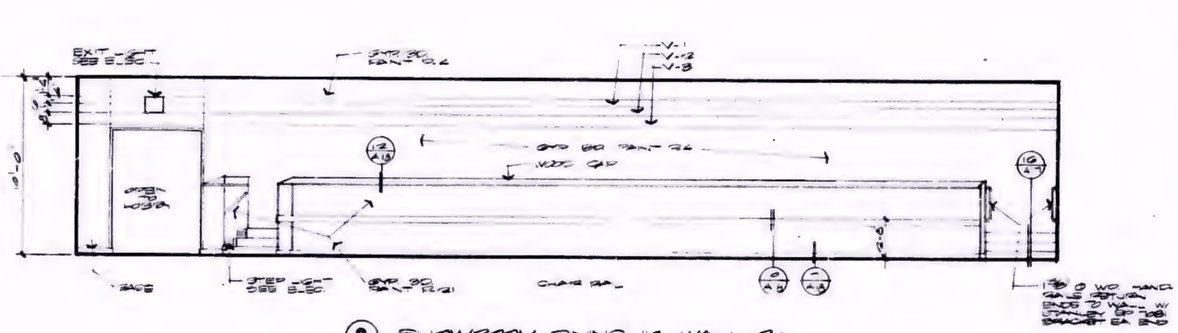
1 HALLWAY 116 LOBBY 115 FOYER 102



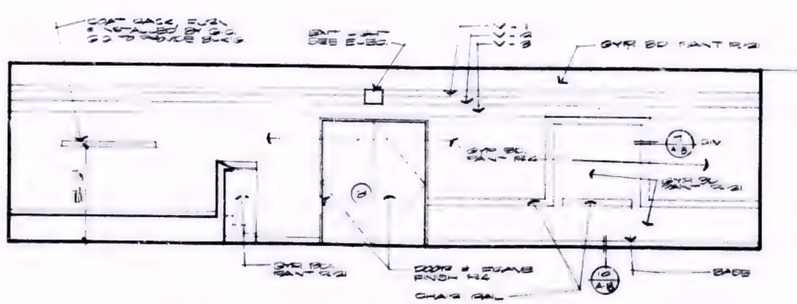
2 PLAYROOM 100 CHILDS RDES 104 LOBBY 105 HALLWAY 113



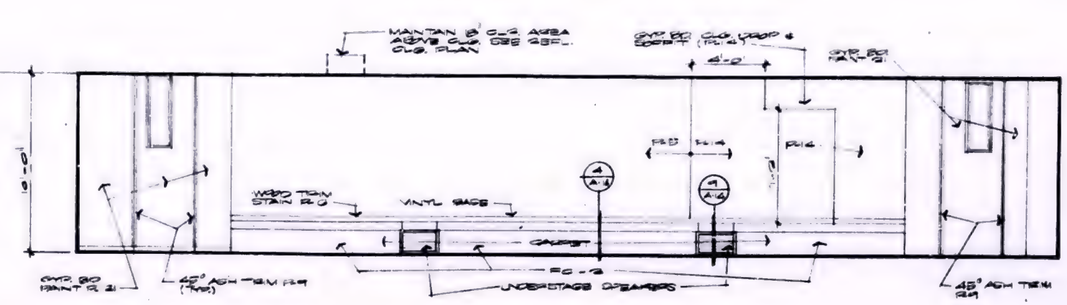
4 SHOWROOM DINING 110 WALL 1



3 SHOWROOM DINING 110 WALL 2



6 SHOWROOM DINING 110 WALL 3



5 SHOWROOM DINING 110 WALL 4

SHOWBIZ PIZZA PLACE

856 S. ALMA SCHOOL RD.
S-M PIZZA INC. STORE NO. 2
2990 E. NORTHERN AVENUE · SUITE 100
PHOENIX, ARIZONA

UMBERGER ASSOCIATES
LAND PLANNING·ARCHITECTURE·LANDSCAPE ARCHITECTURE · 515 EAST CAMELBACK ROAD SUITE 205 PHOENIX, ARIZONA 85014 · (602) 264-2667

DATE: 6-5-90
JOB NO: 8824
PROJECT MGR: GGC
DRAWN BY: EL
REVIEWED BY:

REVISION DATES

A-11

SHOWBIZ PIZZA PLACE

856 S. ALMA SCHOOL RD.
S-M PIZZA INC. STORE NO. 2
2990 E. NORTHERN AVENUE · SUITE 106
PHOENIX, ARIZONA

2425 EAST CAMELBACK ROAD SUITE 205 PHOENIX, ARIZONA 85014 · (602) 954-2915

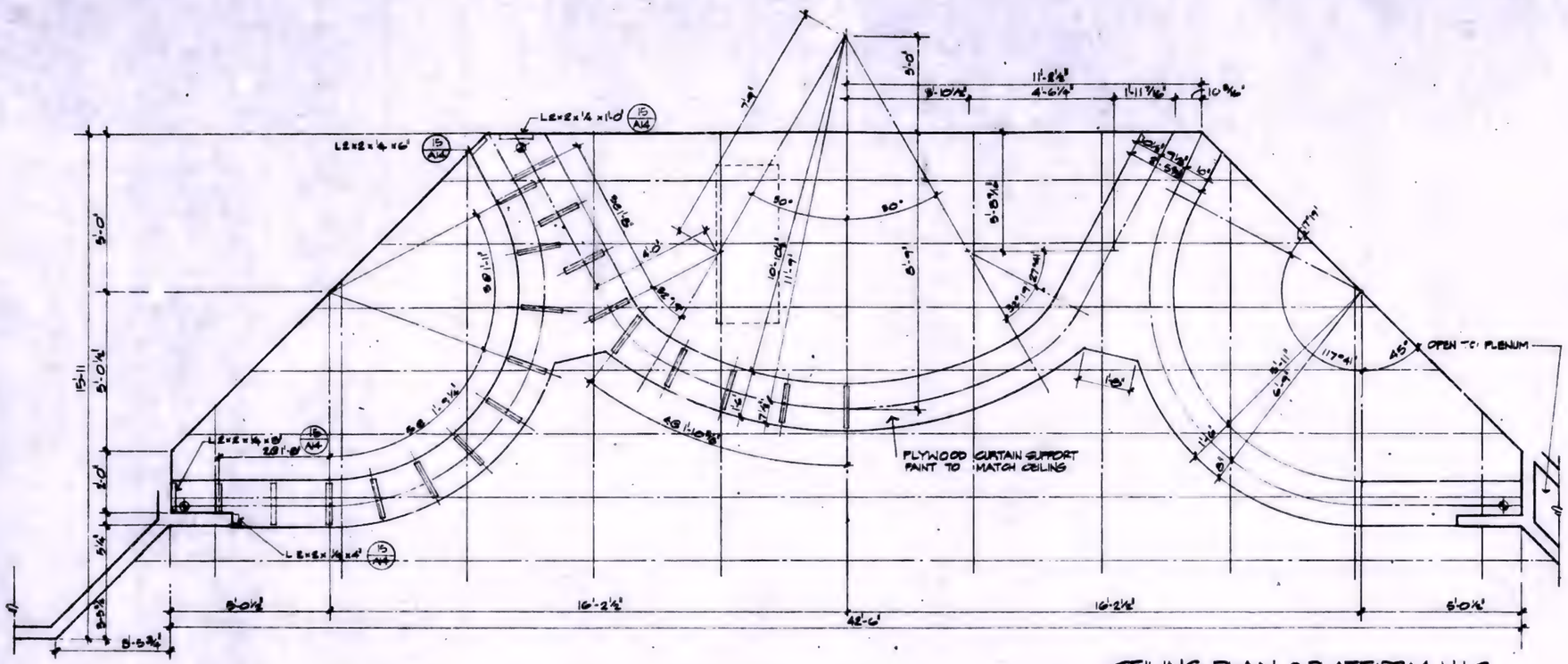
DATE: 6-9-86
JOB NO. 8612
PROJECT MGR.
DRAWINGS BY:
REVIEWED BY:

△ 17 NOV. 86

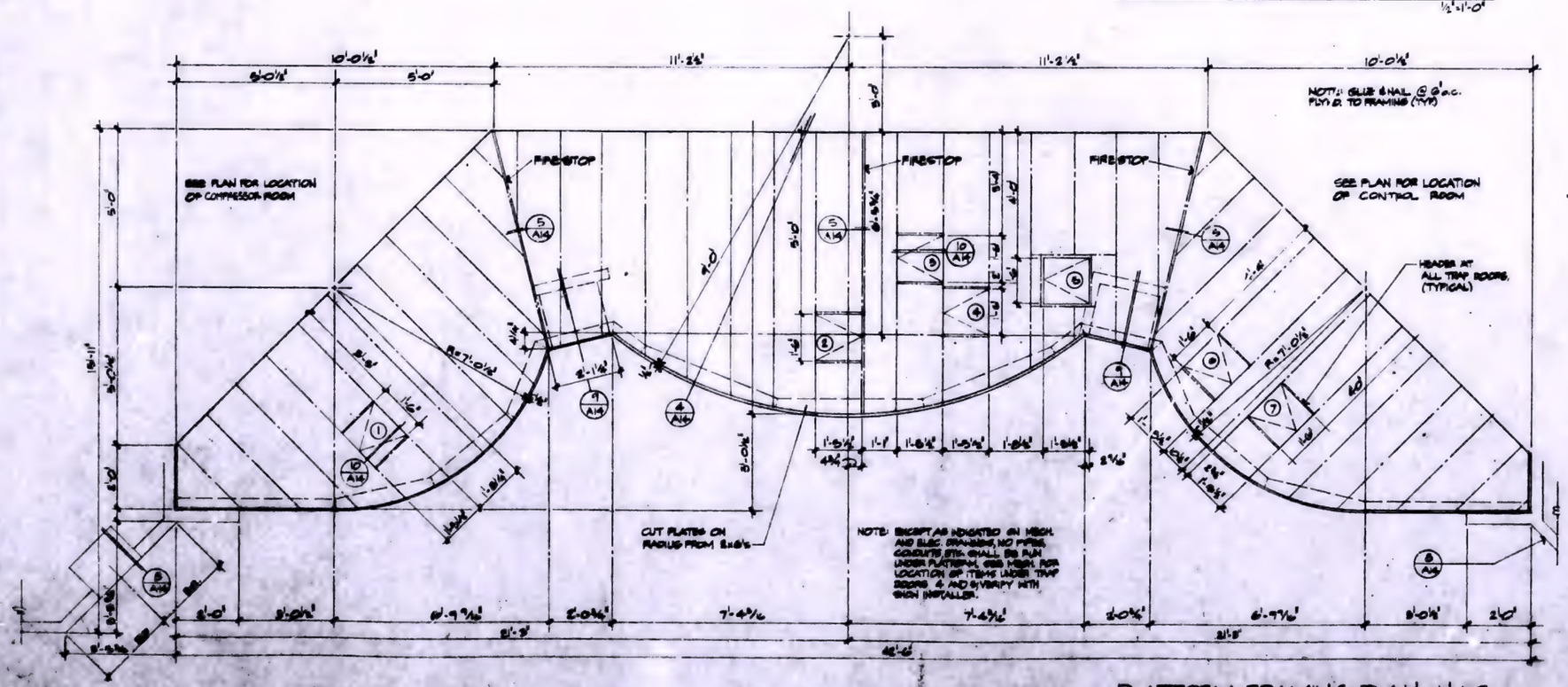
REVISION DATES

CAMBERGER ASSOCIATES
LAND PLANNING·ARCHITECTURE·LANDSCAPE ARCHITECTURE

A-12



CEILING PLAN @ PLATFORM, N.I.C.
1/2"=1'-0"



PLATFORM FRAMING PLAN, N.I.C.
1/2"=1'-0"

SHOWBIZ PIZZA PLACE

856 S. ALMA SCHOOL RD.
S-M PIZZA INC. STORE NO. 2
2990 E. NORTHERN AVENUE · SUITE 100
PHOENIX, ARIZONA

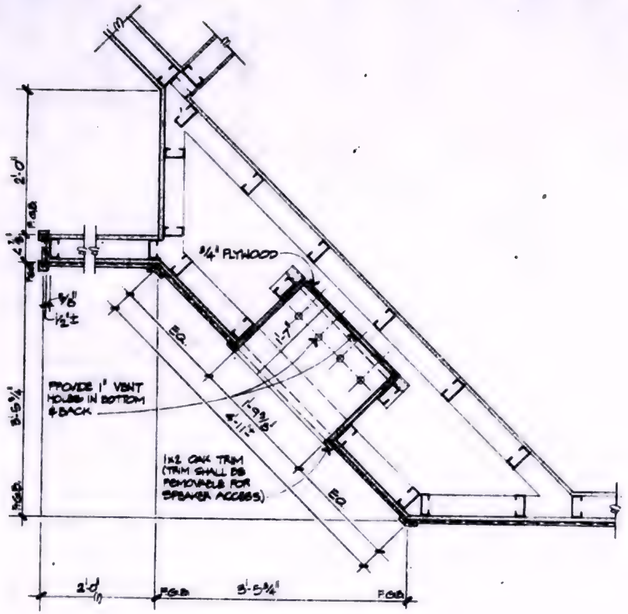
615 EAST CAMELBACK ROAD SUITE 205 PHOENIX, ARIZONA 85014 · (602) 954-3617

REVISION DATES

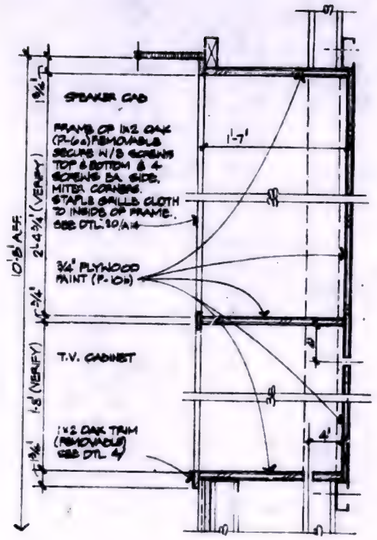
DATE:
JOB NO.
PROJECT MGR.
DRAWINGS BY:
REVIEWED BY:

LUMBERGER ASSOCIATES
LAND PLANNING · ARCHITECTURE · LANDSCAPE ARCHITECTURE

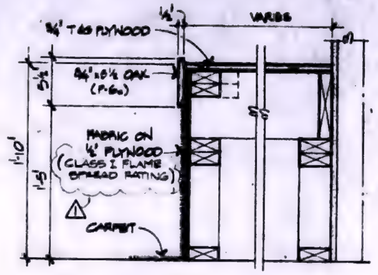
A-13



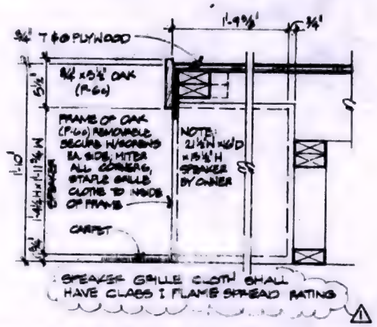
SPEAKER LOCATION @ RIGHT OF STAGE
1"=1'-0"



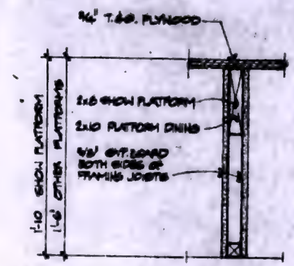
WALL-MOUNTED SPEAKER LOCATION
1 1/2"=1'-0"



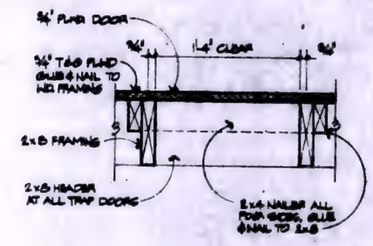
TYPICAL STAGE CONSTRUCTION
1 1/2"=1'-0"



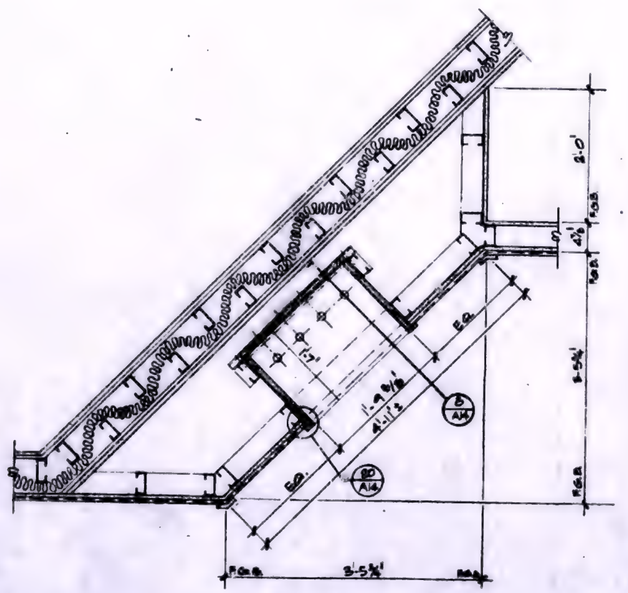
UNDER-STAGE SPEAKER LOCATION
1 1/2"=1'-0"



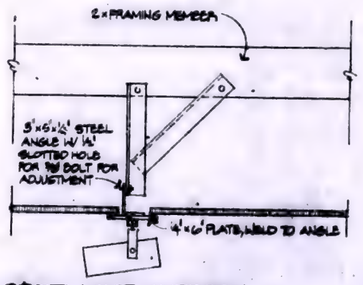
FIRESTOP @ PLATFORM
1 1/2"=1'-0"



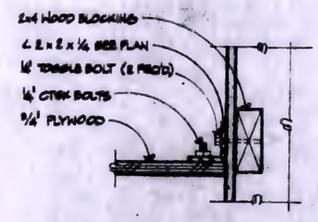
ACCESS TO UNDER STAGE
1 1/2"=1'-0"



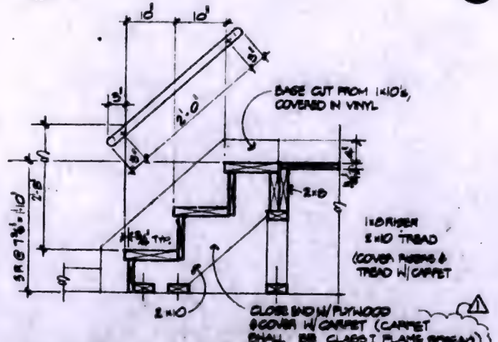
SPEAKER LOCATION @ LEFT OF STAGE
1"=1'-0"



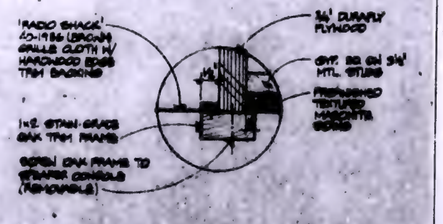
SPOTLIGHT SUPPORT



CURTAIN RUNNER SUPPORT @ WALL
3"=1'-0"



STAIR @ CONTROL ROOM
1"=1'-0"



SPEAKER FRAME DETAIL
HALF-SIZE

[redacted]

SHOWBIZ PIZZA PLACE
856 S. ALMA SCHOOL RD.
S-M PIZZA INC. STORE NO. 2
2990 E. NORTHERN AVENUE · SUITE 106
PHOENIX, ARIZONA

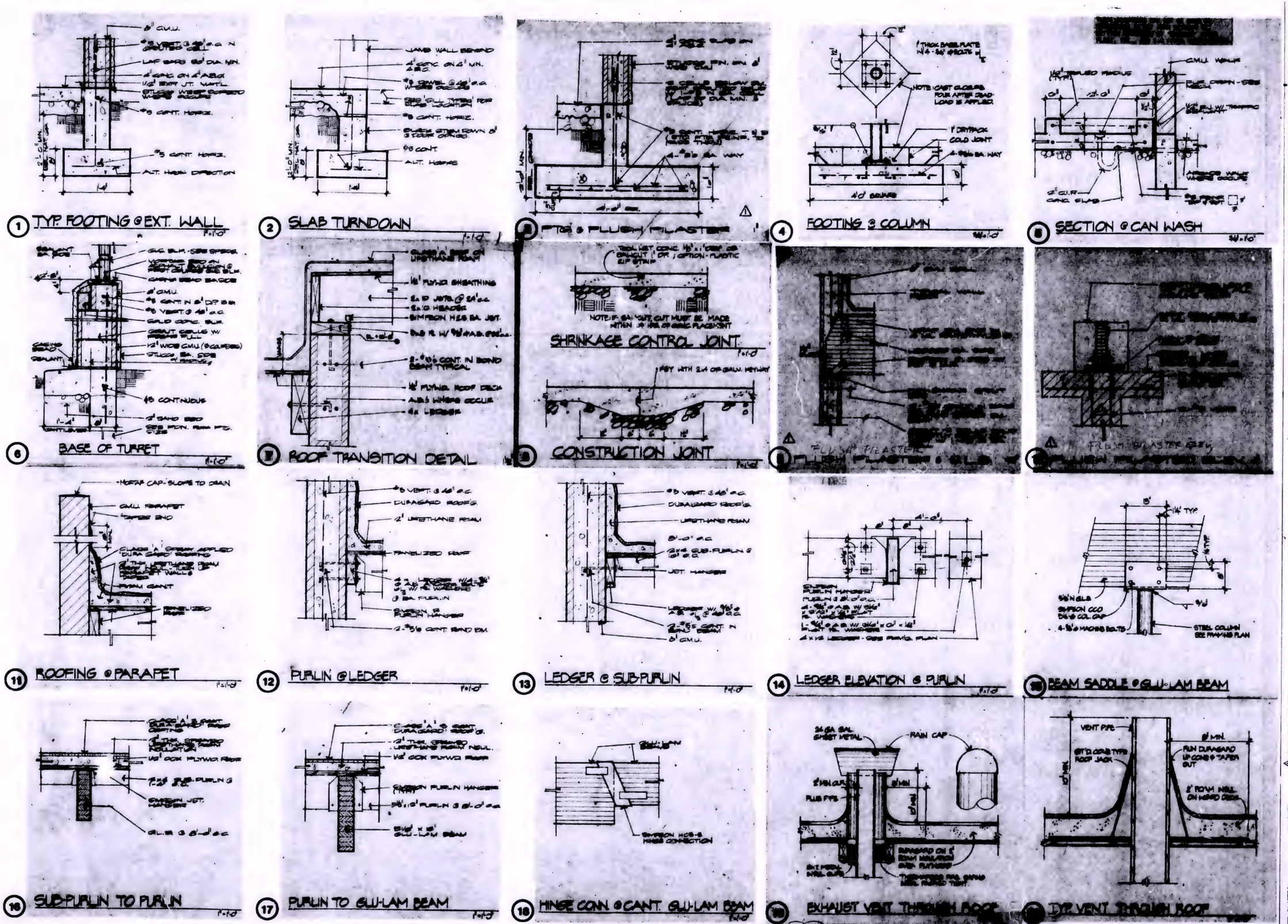
UMBERGER ASSOCIATES
LAND PLANNING · ARCHITECTURE · LANDSCAPE ARCHITECTURE · 815 EAST CAMELBACK ROAD SUITE 303 PHOENIX, ARIZONA 85014 · (602) 264-2617

DATE: 10-10-85
JOB NO. 8524
PROJECT MGR. EAO
DRAWINGS BY. CE
REVIEWED BY.

1 11-14-85

REVISION DATES

A-14



NOTE:
ROOFING SHALL BE 5" URETHANE FOAM PER UL 790 (CLASS 'A') ON PLYWD. DECK W/ DURAGARD CLASS 'A' COATING PER UL CLASSIFICATION CARD NO. 0990 C, PARAGRAPHS 7, 8 & 9. ROOFING INSTALLATION SHALL COMPLY W/ MFR'S RECOMMENDATIONS & U.L. DATA.

DETAILS

SHOWBIZ PIZZA PLACE
856 S. ALMA SCHOOL RD.
S-M PIZZA INC. STORE NO. 2
2990 E. NORTHERN AVENUE · SUITE 100
PHOENIX, ARIZONA

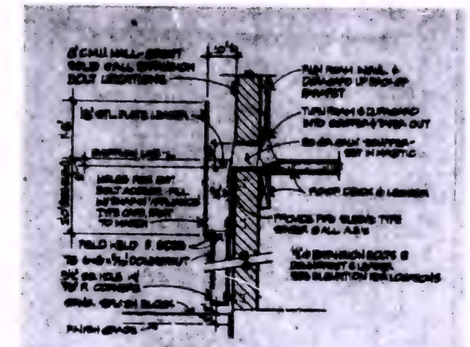
CAMELBACK ROAD SUITE 205 · PHOENIX, ARIZONA 85014 · (602) 954-9957
LUMBERGER ASSOCIATES
LAND PLANNING · ARCHITECTURE · LANDSCAPE ARCHITECTURE · 815 EAST CAMELBACK

REV. 25 NOV 82

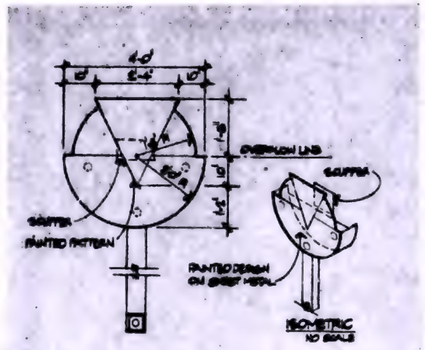
REVISION DATES

DATE:
JOB NO.
PROJECT MGR.
DRAWING BY:
REVIEWED BY:

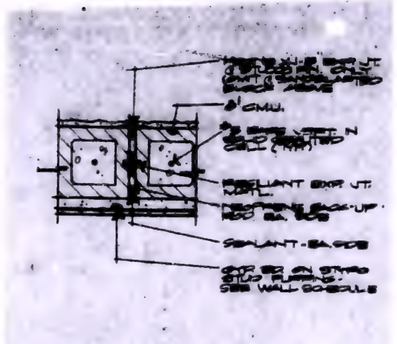
A-15



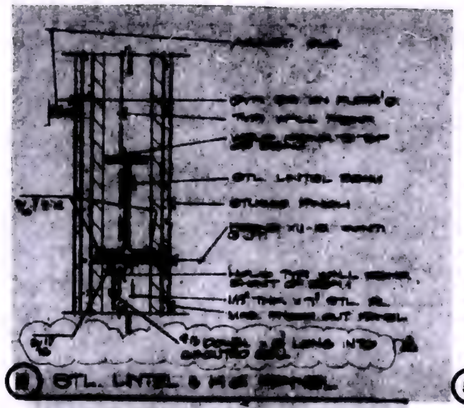
1 SCUPPER DETAIL



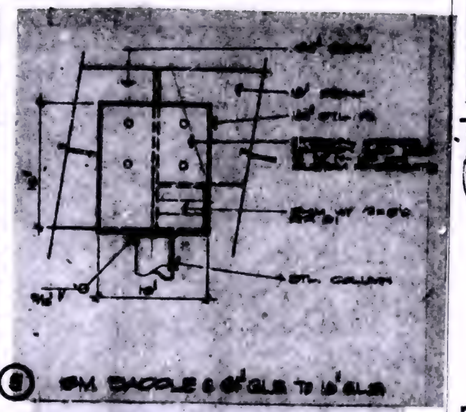
2 SCUPPER ELEVATION



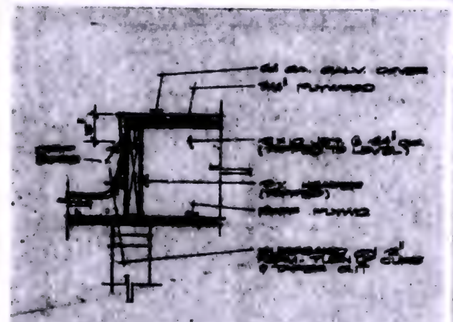
3 EXP JT./JT. @ HK. @ PANEL



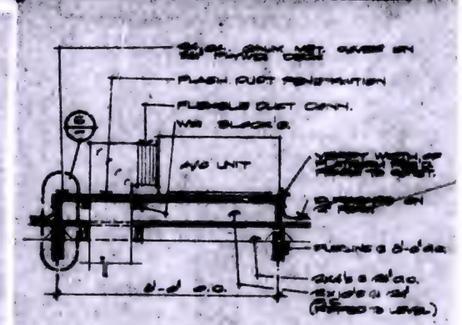
4 STL. LINTEL & HOR. PANEL



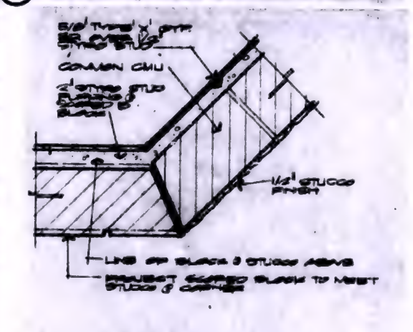
5 SM. BADGLE & 6" GLB. TO 15" GLB.



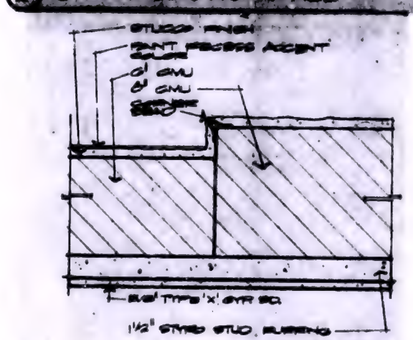
6 CURB DETAIL



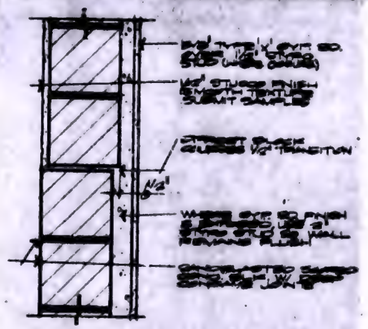
7 MECH. EQUIP. CURB



8 BLK. TRANSITION @ ENTRY



9 REVEAL OPTS. EXT. ACCENTS



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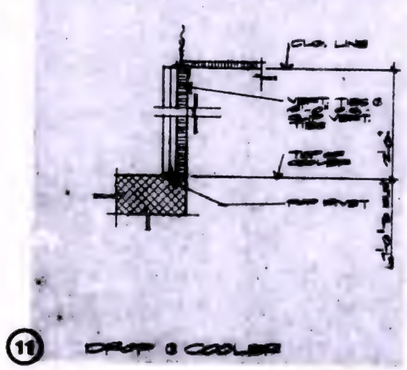
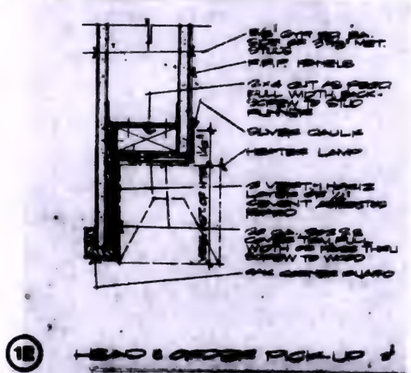
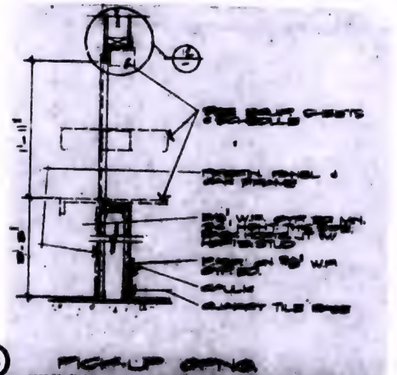


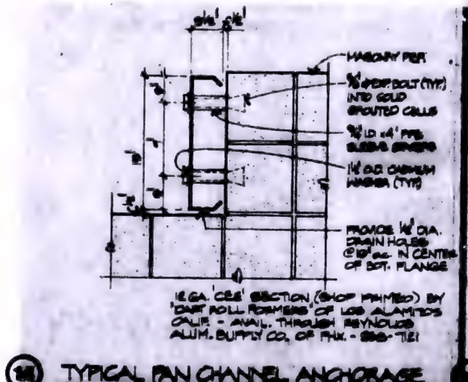
11 DROP @ COOLER



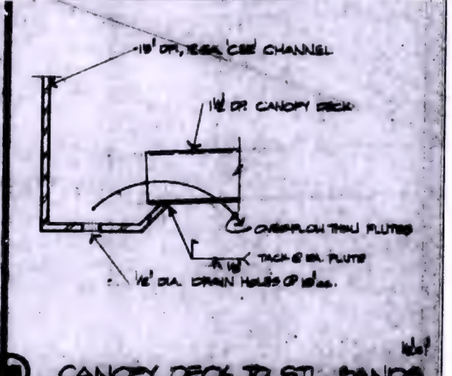
12 HEAD & GROSS PICK-UP



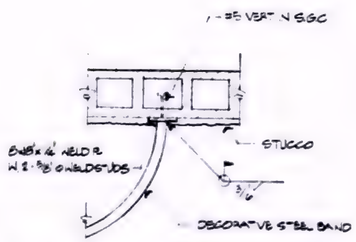
13 PICK-UP OPNG.



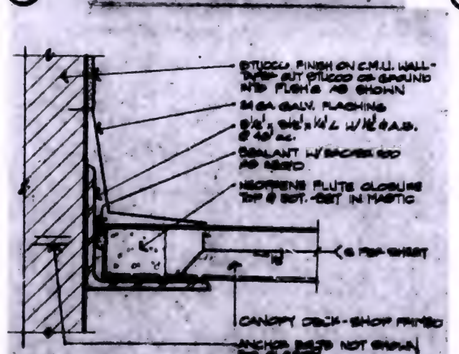
14 TYPICAL PAN CHANNEL ANCHORAGE



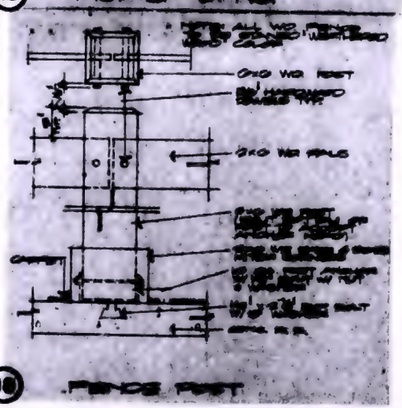
15 CANOPY DECK TO STL. BANDS



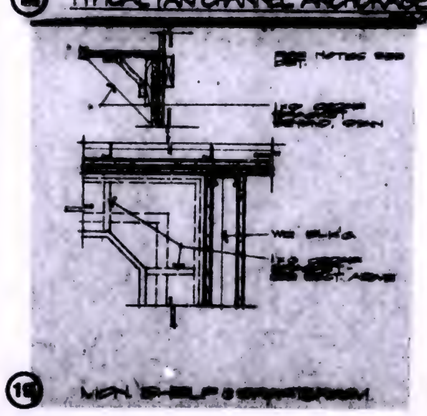
16 WELD PLATE/ DECORATIVE BAND



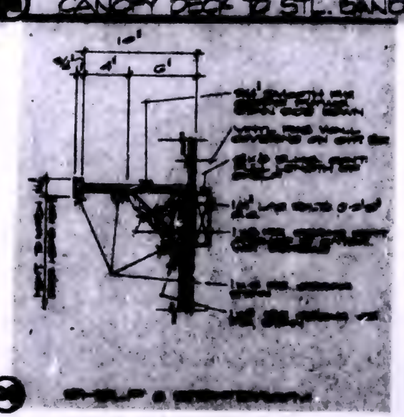
17 CANOPY LEDGER @ BUILDING



18 FENCE POST



19 WOOD SHELF & BRACKET DETAIL



20 SHELF & BRACKET DETAIL

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SHOWBIZ PIZZA PLACE

856 S. ALMA SCHOOL RD.
S-M PIZZA INC. STORE NO. 2
2990 E. NORTHERN AVENUE · SUITE 106
PHOENIX, ARIZONA

2929 E. CAMELBACK ROAD SUITE 205 PHOENIX, ARIZONA 85014 · (602) 264-2967

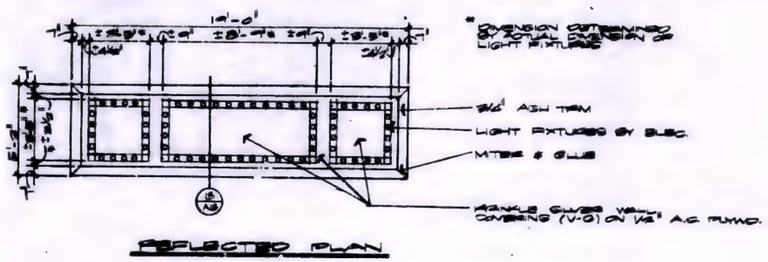
UMBERGER ASSOCIATES
LAND PLANNING · ARCHITECTURE · LANDSCAPE ARCHITECTURE · 845 EAST CAMELBACK

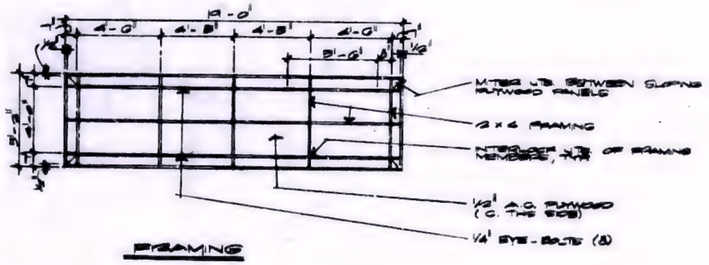
DATE:	12 5 89
JOB NO.	8824
PROJECT MGR.	SEC
DRAWINGS BY:	PCF
REVIEWED BY:	

REVISION DATES

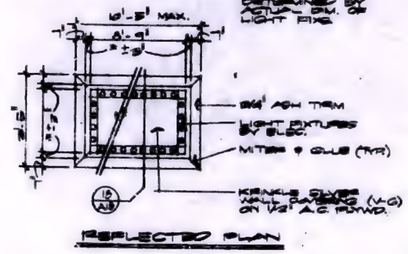
△ REV 19 DEC 1989

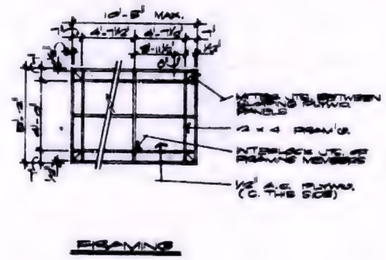
A-16



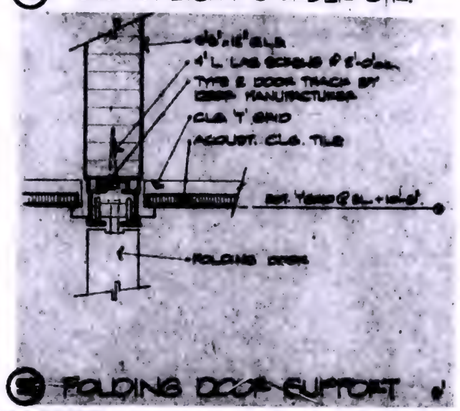


⑥ SLANT LIGHTS & BEVERAGE 1/4"

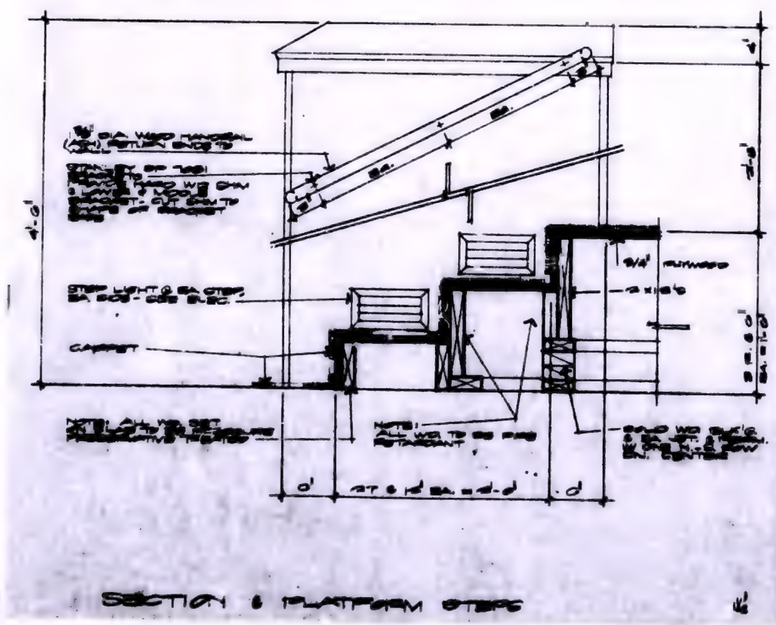




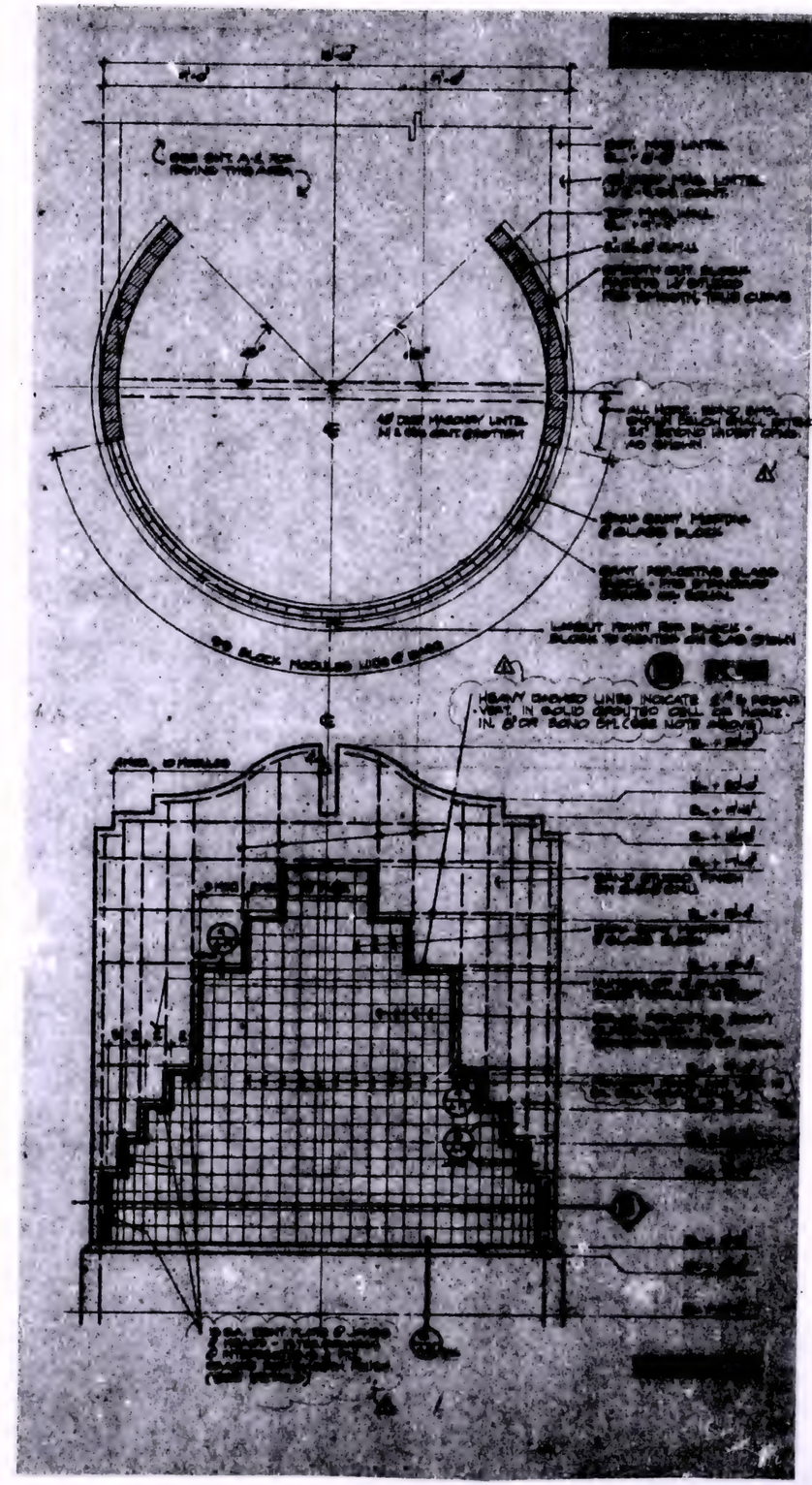
⑧ SLANT LIGHT & ORDER CTR. 1/4"



⑨ FOLDING DOOR SUPPORT



⑩ SECTION & PLATFORM STEPS



⑲ TURRET DETAIL 1/8"

SHOWBIZ PIZZA PLACE
856 S. ALMA SCHOOL RD.
S-M PIZZA INC. STORE NO. 2
2990 E. NORTHERN AVENUE · SUITE 106C
PHOENIX, ARIZONA

2990 E. CAMELBACK ROAD SUITE 365 PHOENIX, ARIZONA 85014 · (602) 264-2957

UMBERGER ASSOCIATES
LAND PLANNING·ARCHITECTURE·LANDSCAPE ARCHITECTURE · 515 EAST CAMELBACK

DATE:
JOB NO.
PROJECT MGR.
DRAWN BY:
REVIEWED BY:

REVISION DATES

A-17

THESE DOCUMENTS MAY NOT BE USED OR REPRODUCED IN ANY FORM WITHOUT THE WRITTEN AUTHORITY OF 'SHOWBIZ' PIZZA PLACE, INC., AND S-M PIZZA INCORPORATED.

1 CORNER DETAIL 1½"

2 CORNER DETAIL 1½"

3 CORNER @ ANGLED STEPS

4 KITCHEN CORNER DET. 1½"

5 KITCHEN CORNER DET. 1½"

6 DET. @ EDGE OF PARTITION ½"

7 BUMP RAIL 1½"

8 SECTION - WORK BENCH 3/4"

9 JAMB @ SHOWROOM RAIL 1½"

10 BASE DETAIL 1½"

11 COUNTER @ OFFICE 1½"

12 RAIL @ DINING 1½"

13 DINING RAIL TRIM 3"

14 BANNER MOUNTING 3"

15 FIRE EXT. CABINET 1½"

16 T.V. MONITOR SHELF 1½"

17 T.V. MONITOR SHELF 3/4"

18 SECTION - SLANT LIGHT BOARD 3/4"

20 TILE CARPET TRANSITION N.T.S.

SHOWBIZ PIZZA PLACE

856 S. ALMA SCHOOL RD.
S-M PIZZA INC. STORE NO. 2
2990 E. NORTHERN AVENUE · SUITE 106
PHOENIX, ARIZONA

MELLBACK ROAD SUITE 265 PHOENIX ARIZONA 85014 (602) 241-2967

LAMBERGER ASSOCIATES
LAND PLANNING · ARCHITECTURE · LANDSCAPE ARCHITECTURE · 815 EAST CAMELBACK

REVISION DATES

DATE:
JOB NO.
PROJECT MGR.
DRAWING BY:
REVIEWED BY:

A·18

THICKENED SLAB

JAMB & GLASS BLOCK

HEAD & GLASS BLOCK

JAMB & TEMPERED LIGHT

ELEV. WORKBENCH & TECH. RM.

SHOWBIZ PIZZA PLACE

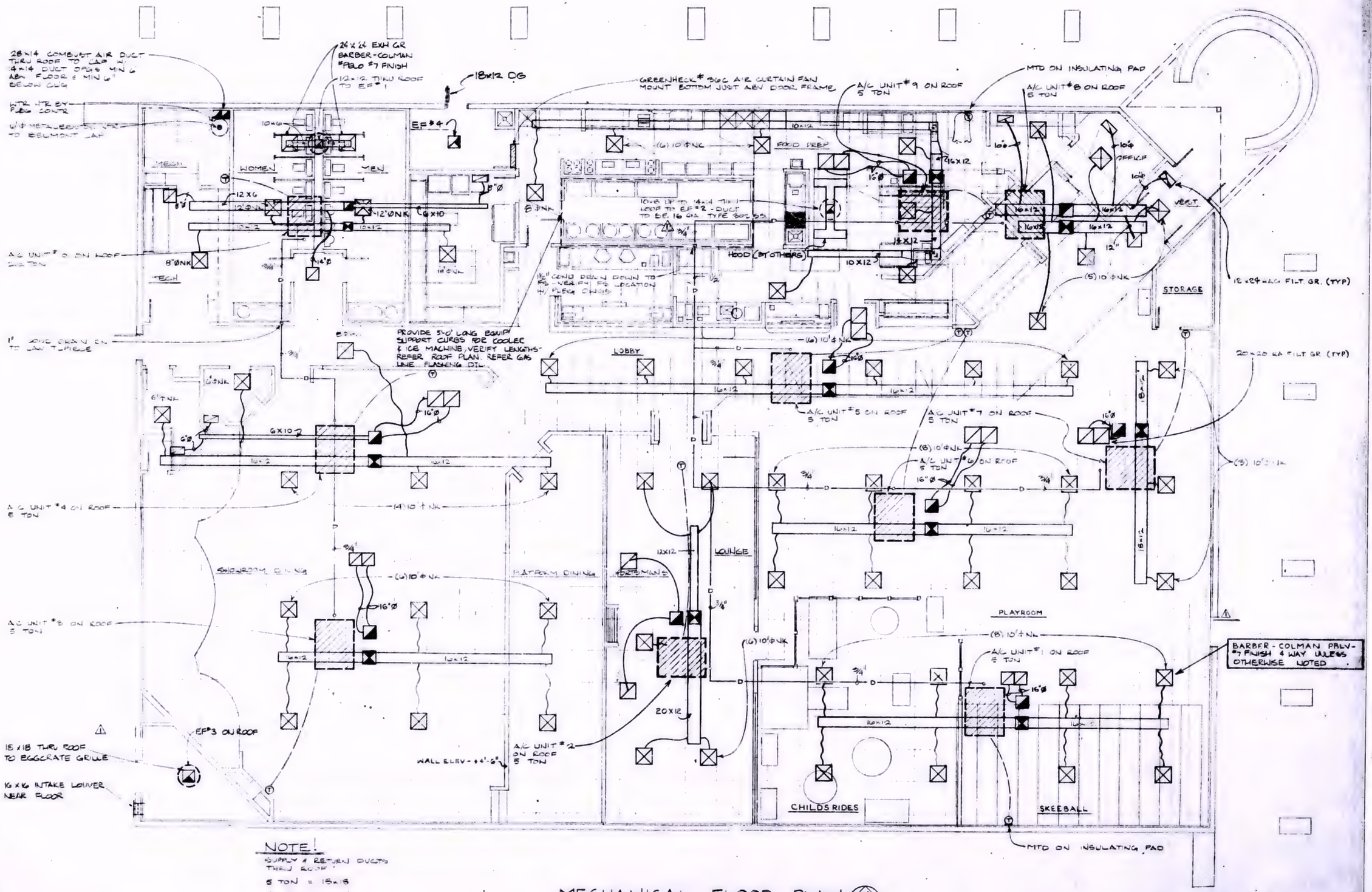
856 S. ALMA SCHOOL RD.
S-M PIZZA INC. STORE NO. 2
2990 E. NORTHERN AVENUE · SUITE 100C
PHOENIX, ARIZONA

UMBERGER ASSOCIATES
LAND PLANNING·ARCHITECTURE·LANDSCAPE ARCHITECTURE · 815 EAST CAMELBACK ROAD SUITE 205 PHOENIX, ARIZONA 85014 · (602)-266-1196

DATE:
JOB NO.:
PROJECT MGR:
DRAWING BY:
REVIEWED BY:

REVISION DATES

A-19



NOTE!

SUPPLY & RETURN DUCTS THRU ROOF

5 TON = 15x18

2½ TON = 14x14

⚠ ALL APPLIANCES SHALL CONFORM TO CHAPTER 20 OF UNIFORM MECH. CODE

MECHANICAL FLOOR PLAN

3/16" = 1'-0"

SHOWBIZ PIZZA PLACE

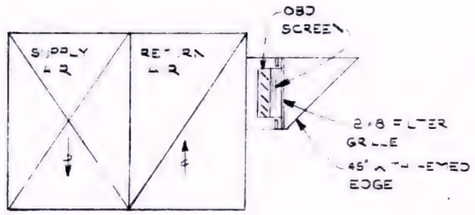
856 S. ALMA SCHOOL RD.
S-M PIZZA INC. STORE NO. 2
2990 E. NORTHERN AVENUE · SUITE 106
PHOENIX, ARIZONA

LMBERGER ASSOCIATES
LAND PLANNING · ARCHITECTURE · LANDSCAPE ARCHITECTURE · 815 EAST CAMELBACK ROAD SUITE 305 PHOENIX, ARIZONA 85014 (602) 943-2367

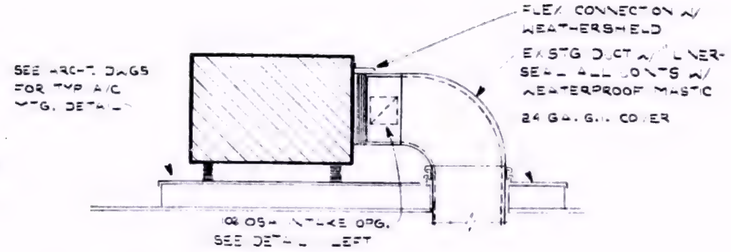
REVISION DATES

DATE:
JOB NO.
PROJECT MGR.
DRAWN BY: MDL
REVIEWED BY: AS

M-1



OSA INTAKE DETAIL
NTS



A/C MOUNTING DETAIL
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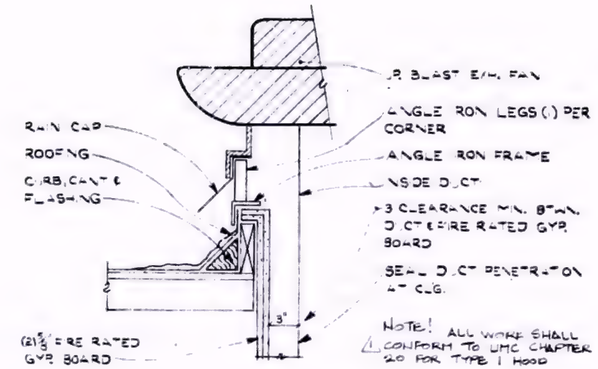
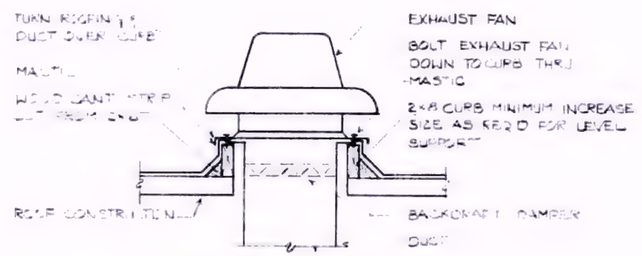


KITCHEN EXH. FAN #2 DETAIL
NTS



ROOF MTD. EXH. FAN #1,3 DETAIL
NTS

EQUIPMENT SCHEDULE

A/C SYSTEM - ROOF TOP PACKAGE ELECT. COOL. & HTG. CARRIER

A/C #8 - 2½ TON - NOM. 1000 CFM @ .3" SP/20.0 MBH SENS. @ 80°/63°/115°, 13.5 RLA COMPR. / 1.3 RLA ODF / 2.4 RLA IDF & 7½ KW HTR. @ 200 V 3φ / #50YH030 / 350 lbs.

A/C #1-7,9,10 - 5 TON - NOM 2000 CFM @ .4" SP/42.0 MBH SENS. @ 80°/63°/115°/22.0 RLA COMPR./3.2 RLA ODF/4.9 RLA IDF & 7½ KW HTR. @ 208 V 3φ / #50BH006 / 500 lbs.

EF #1 - ROOF MTD. CENTRIF. / BELT DRIVE / 835 CFM @ .25" SP / 1/8 HP @ 120 V 1φ / COOK # 13UC11D

EF #2 - ROOF MTD. CENTRIF. UP BLAST / BELT DRIVE / 1089 CFM @ .375" SP / 1/4 H.P. @ 120 V 1φ / COOK #12UR17D

EF #3 - ROOF MTD. CENTRIF. / BELT DRIVE / 1596 CFM @ .25" SP / 1/4 HP @ 120 V 1φ / COOK # 15UC11D

EF #4 - CLG. MTD. CENTRIF. / 300 CFM @ .125" / 2.3 AMP MTR. @ 120 V 1φ / BROAN # 363 W/ 4x10 DISCH. THRU ROOF TO CAP

SHOWBIZ PIZZA PLACE

856 S. ALMA SCHOOL RD.
S-M PIZZA INC. STORE NO. 2
2990 E. NORTHERN AVENUE - SUITE 106
PHOENIX, ARIZONA

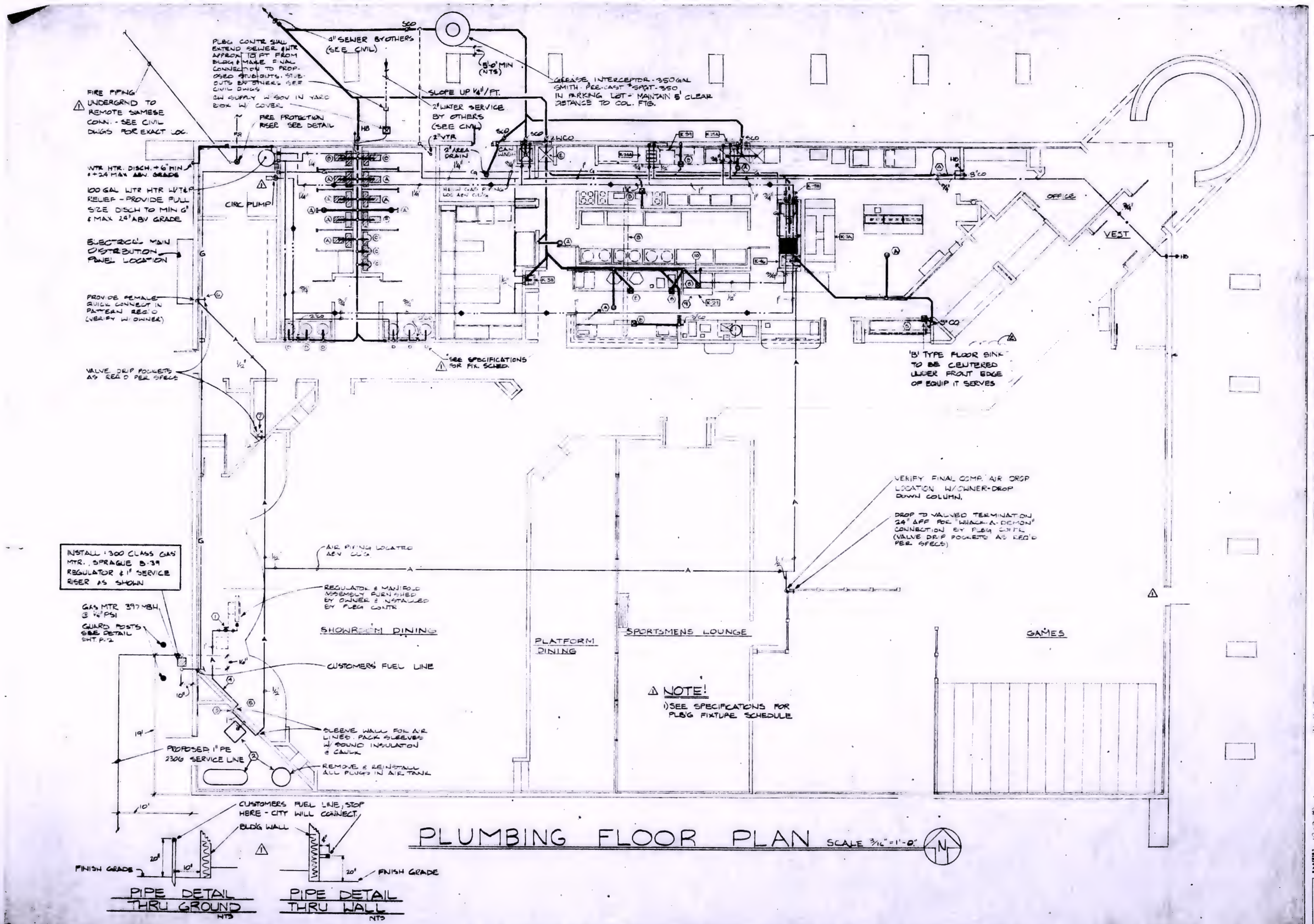
PHOENIX, ARIZONA 85014 · (602)954-2965

LAMBERGER ASSOCIATES
LAND PLANNING · ARCHITECTURE · LANDSCAPE ARCHITECTURE · 815 EAST CAMELBACK ROAD SUITE 205

REVISION DATES	
1	5-5-93
2	
3	
4	

DATE: 5-3-93
JOB NO.
PROJECT MGR: TAF
DRAWINGS BY: MSH
REVIEWED BY: TAF

M-2



SHOWBIZ PIZZA PLACE

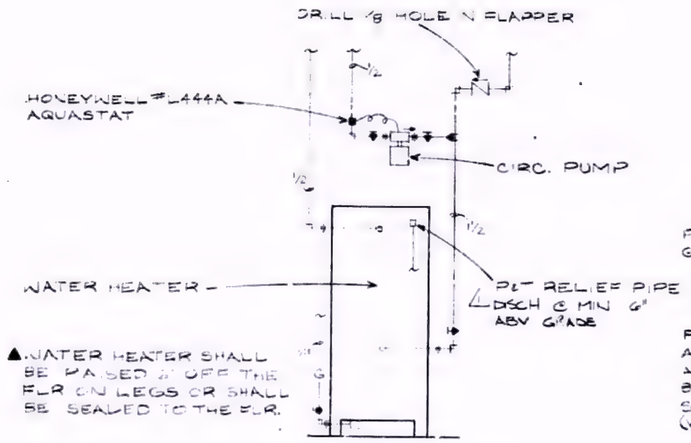
856 S. ALMA SCHOOL RD.
S-M PIZZA INC. STORE NO. 2
2990 E. NORTHERN AVENUE · SUITE 106
PHOENIX, ARIZONA

LUBBERGER ASSOCIATES
LAND PLANNING · ARCHITECTURE · LANDSCAPE ARCHITECTURE · 815 EAST CAMELBACK ROAD SUITE 205 PHOENIX, ARIZONA 85014 · (602) 263-9467

REVISION DATES
A 2-1-93

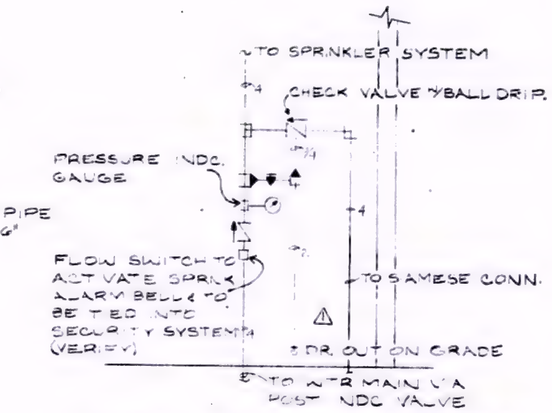
DATE: 10-3-92
JOB NO.
PROJECT MGR.
DRAWN BY: MJH
REVIEWED BY: AS

P-1



WATER HEATER PPNG

NTS



FIRE PROTECT RISER

NTS

GENERAL NOTES!

1) SUPPORT ALL OVERHEAD SYSTEMS FROM ROOF STRUC. DO NOT ATTACH TO CEILING.

2) MAINTAIN MANU. RECOMMENDED CLEARANCES ON ALL ITEMS OF EQUIPMENT.

3) VERIFY SERVICE POINTS & METERING LOCATIONS WITH SERVING UTILITIES FOR PROJECT NAT. GAS, DOMESTIC WATER, FIRE PROTECTION WATER & SANITARY SEWER.

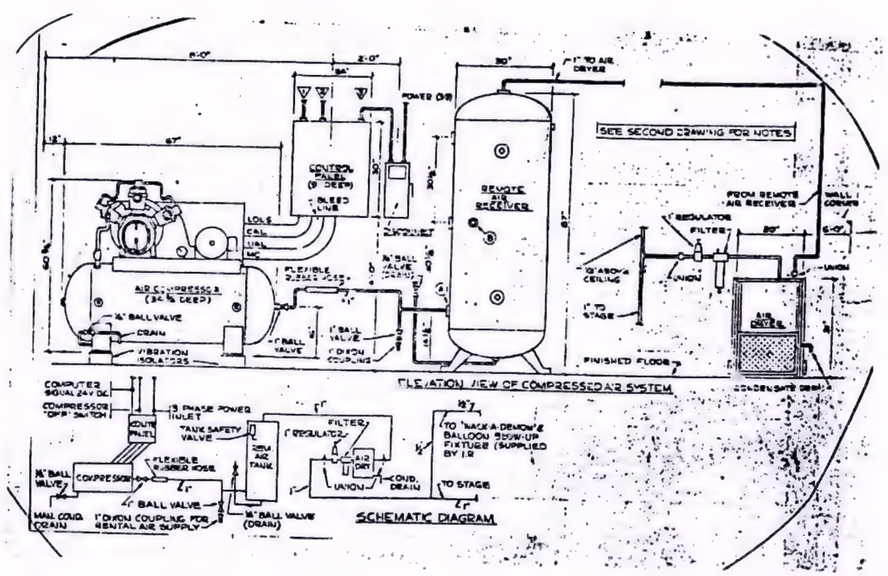
4) MOUNT ALL HOSE BIBB'S 2'-0" ABV. GRADE UNLESS OTHERWISE NOTED.

5) ALL EXPOSED HORIZONTAL PIPING RUNS (CONDENSATE LINES, GAS LINES, ETC.) IN KITCHEN AND ALL RELATED FOOD PREP & STORAGE AREAS SHALL BE MIN 6' CLEAR ABV. FLOOR IN RECESSED ENCLOSURE W LOCKING DOOR

6) ALL PIPING IN EXTERIOR WALLS SHALL BE KEPT ON INTERIOR OF ALL INSULATION.

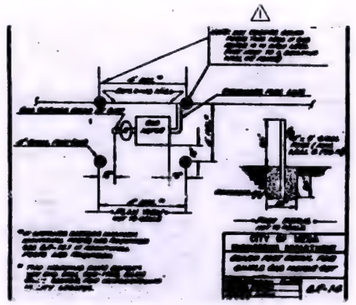
NOTES!

1. PROVIDE 1" BRASS BALL SHUTOFF VALVE AT OUTLET. PROVIDE REDUCER & 1/2" N.P.T. THREADED MALE CONNECTION FOR MANIFOLD INSTALLATION. (MANIFOLD FURNISHED BY OWNER & INSTALLED BY PLBG CONTR.) LOCATE UNDER ACCESS DOOR.
2. AIR COMPRESSOR, DRIER, & AIR STORAGE TANK FURN. BY OWNER & INSTALLED BY PLBG CONTRACTOR.
3. DROP W/ VALVED DRIP POCKET TO BENEATH STAGE.
4. UNDER STAGE. SLOPE TO DR. TOWARDS COMPRESSOR RM.
5. VALVE ALL AIR LINES PRIOR TO LEAVING COMPRESSOR RM & PACK PIPE SLEEVES IN COMPRESSOR RM. WALL W/ SOUND ABSORBENT MATERIAL.
6. 1/2" DROP TO VALVED TERMINATION 48" AFF.
7. 1/2" DROP TO VALVED TERMINATION FOR BALLON BLOW-UP STATION. CONN. BY PLBG CONTR.
8. RUN SODA & BEER LINES IN 6" PVC W/ 18" OR 24" RADIUS CORNERS. RUN FROM DRINK DISPENSERS TO BEV. COUNTERS, VERIFY W/ OWNER.
9. INSTALL IN-LINE STAINER ON ICE MACHINE. (STAINER IS SHIPPED TAPED TO INSIDE OF ICE MACHINE CABNET)
10. INSTALL REFRIGERANT LINES ON ICE MACHINE W/ LOOP TO ALLOW MACHINE TO BE MOVED 24" OUT FROM WALL FOR MAINTENANCE. INSTALL WTR LINE [illegible] ULAR.



GAS SERVICE GENERAL NOTES:

1. The owner, developer, or contractor shall locate and mark all privately owned underground structures that will conflict with proposed gas system facilities. The City of Mesa shall not be responsible for damage to underground structures that are not located and marked correctly.
2. The owner, developer or plumbing contractor shall contact Bob Carter of the City of Mesa Utility Operations Department at 834-2649, prior to any installation of the customer's gas piping at the gas meter location.
3. The owner, developer or contractor shall install guard posts as per O.P.-14 Detail.



AIR COMPRESSOR DIAG

NTS

SHOWBIZ PIZZA PLACE

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S-M PIZZA INC. STORE NO. 2
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PHOENIX, ARIZONA

UMBERGER ASSOCIATES
LAND PLANNING · ARCHITECTURE · LANDSCAPE ARCHITECTURE · 815 EAST CAMELBACK ROAD SUITE 205 PHOENIX, ARIZONA 85014 · (602) 264-3617

REVISION DATES

DATE:
JOB NO.
PROJECT MGR.
DRAWN BY:
REVIEWED BY:

P-2

SHOWBIZ PIZZA PLACE

856 S. ALMA SCHOOL RD.
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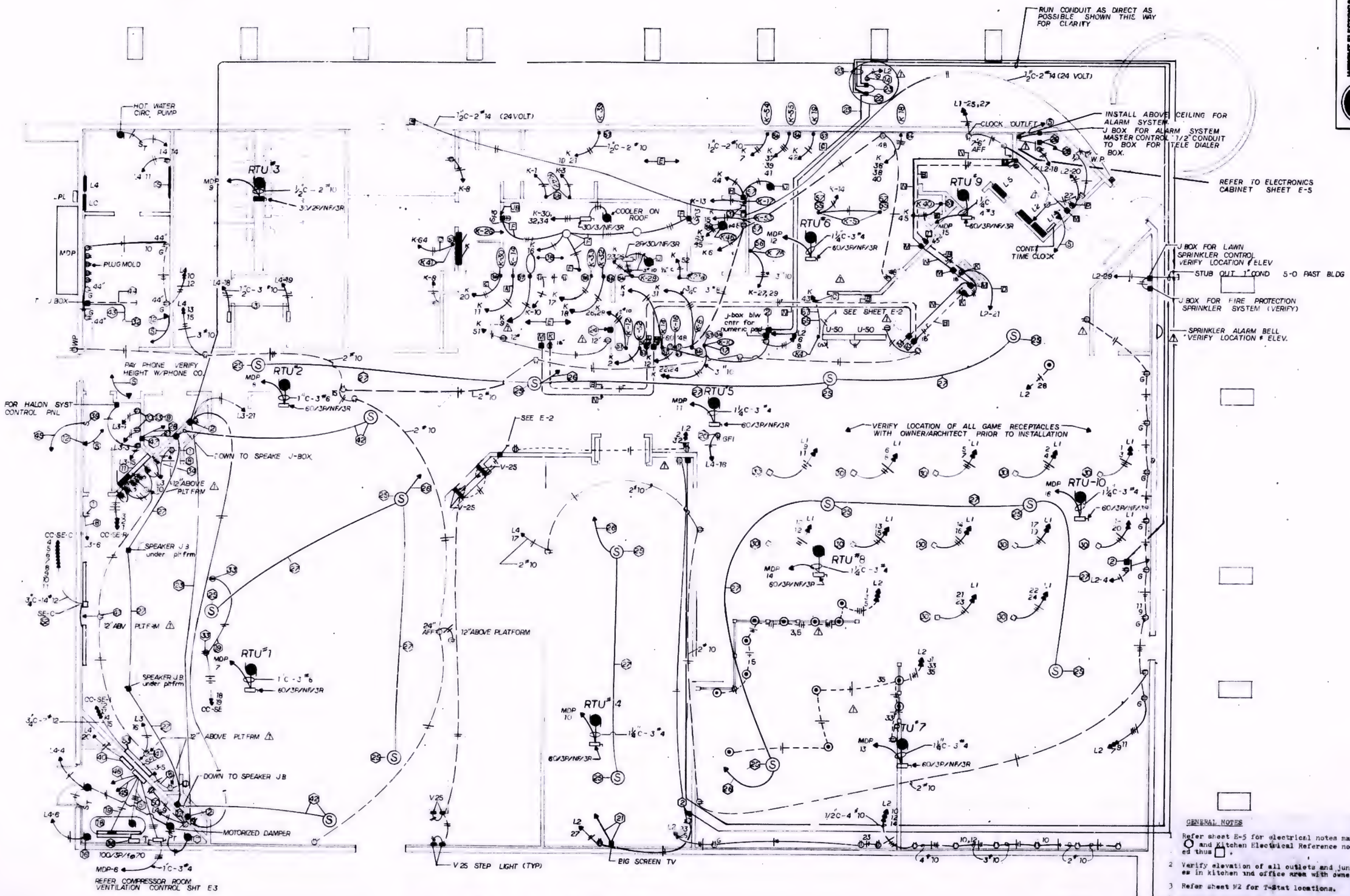
DATE: 10-3-83
JOB NO.
PROJECT MGR.
DRAWING BY: MCH
REVIEWED BY: TAE

REVISION DATES

P-3



ELECTRICAL FLOOR PLAN

SCALE 3/16 = 1'-0

GENERAL NOTES

1. Refer sheet E-5 for electrical notes marked thus ○ and Kitchen Electrical Reference notes marked thus □.
2. Verify elevation of all outlets and junction boxes in kitchen and office area with owner.
3. Refer sheet M2 for T-Stat locations.
4. Mount disconnect switcher for R.T.U. on side of units.

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PHOENIX, ARIZONA

CAMBERGER ASSOCIATES
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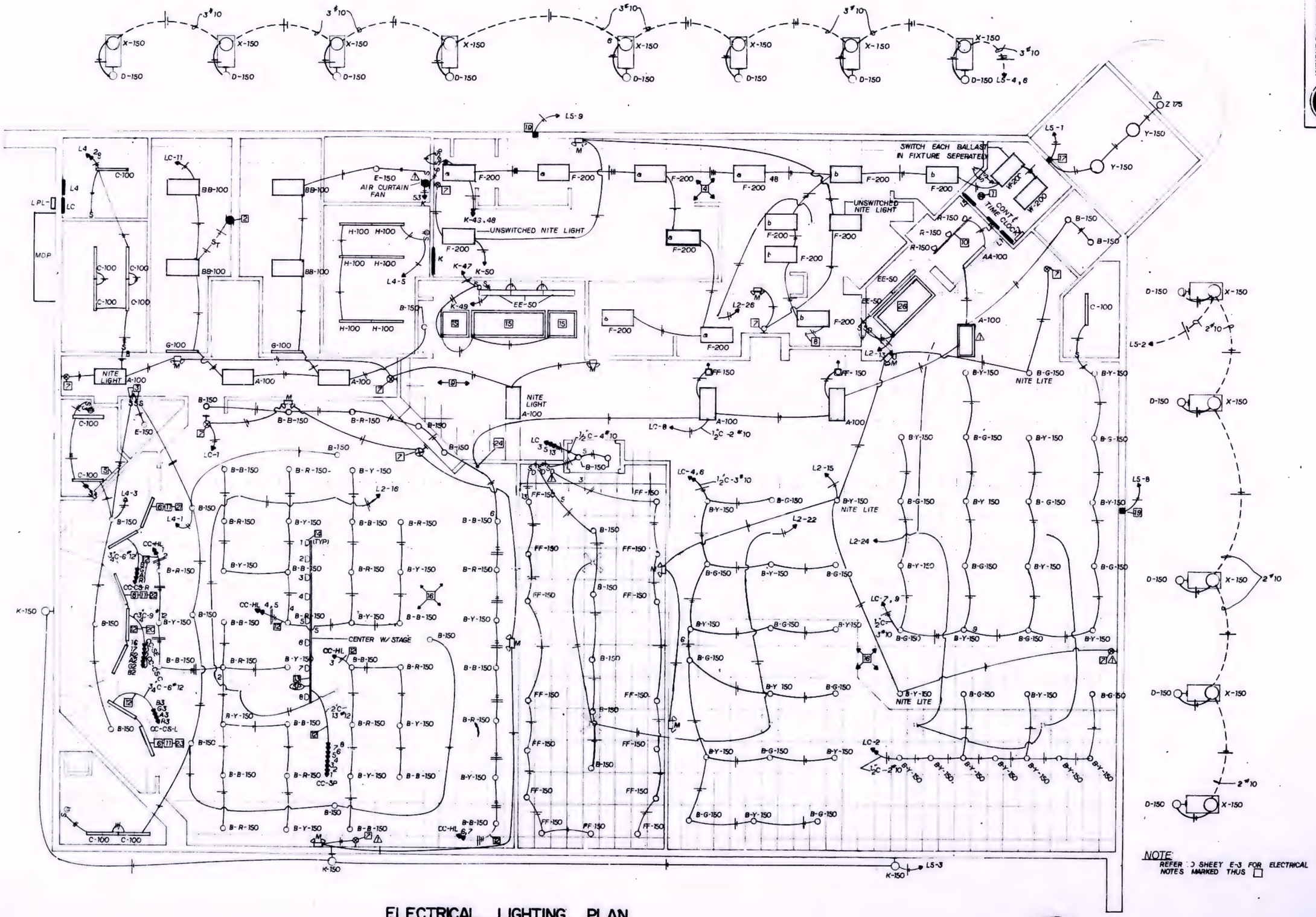
DATE:
JOB NO.
PROJECT MGR.
DRAWN BY: RSW
REVIEWED BY: RSW

△ 12-14-83
REVISION DATES

E-1



NOTE:
REFER TO SHEET E-3 FOR ELECTRICAL NOTES MARKED THUS □

ELECTRICAL LIGHTING PLAN

SCALE 3/16" = 1'-0

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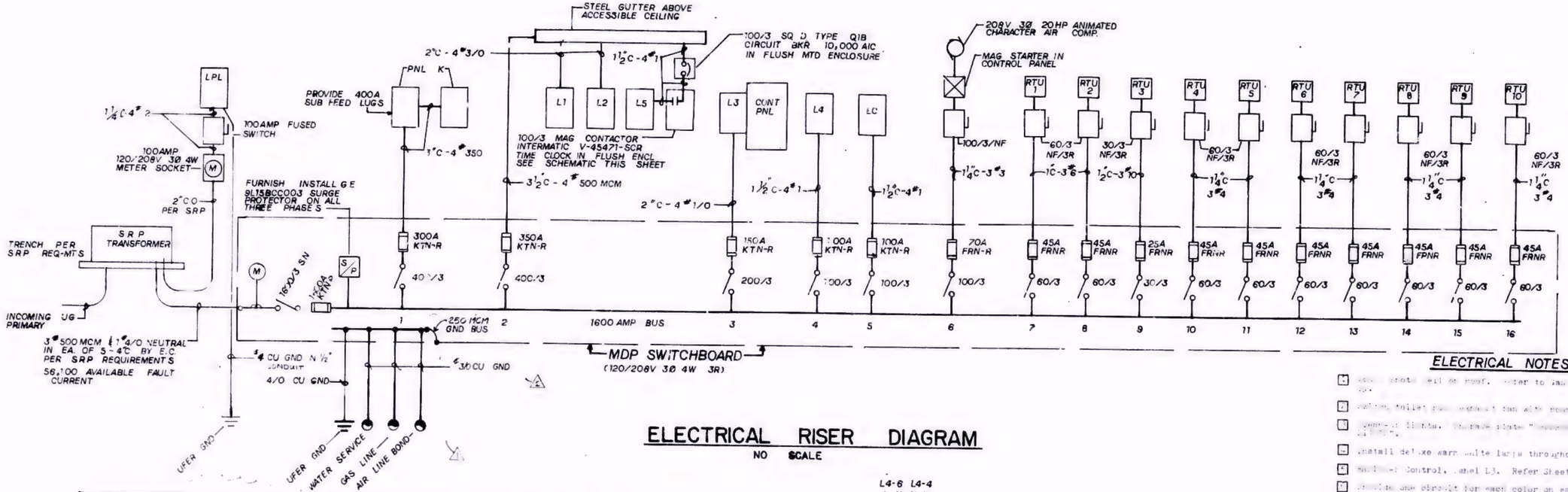
DATE:
JOB NO.
PROJECT MGR.
DRAWINGS BY: RSW
REVIEWED BY:

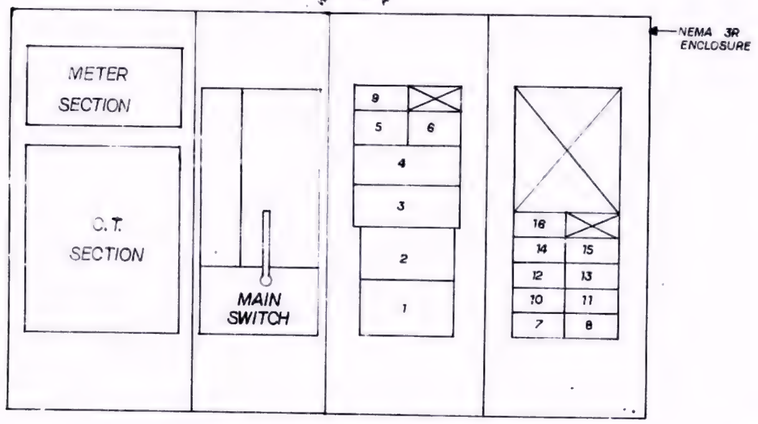
△ 7-14-83
REVISION DATES

E-2



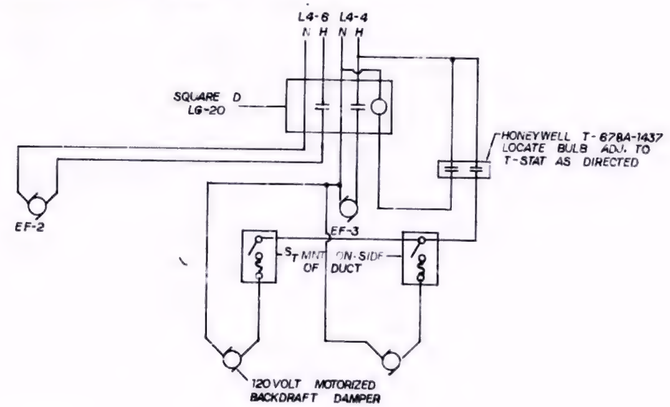
ELECTRICAL RISER DIAGRAM

NO SCALE



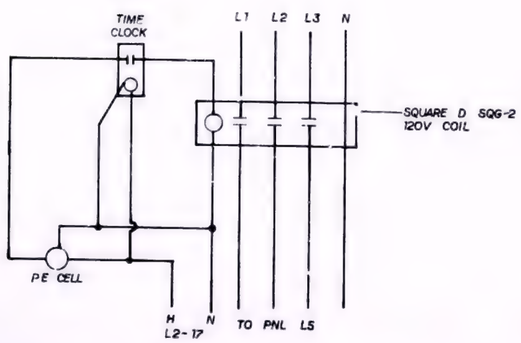
MDP LAYOUT

NO SCALE



COMPRESSOR ROOM VENTILATION CONTROL WIRING

NO SCALE



OUTDOOR LIGHTING CONTROL

NO SCALE

ELECTRICAL NOTES FOR SHEET E-2

1. [illegible] roof. Refer to [illegible] detail and [illegible] similar [illegible].
2. [illegible] toilet [illegible] with [illegible] lights.
3. [illegible] lights. [illegible] plate "[illegible] LIGHT" and "[illegible] LIGHT".
4. Install deluxe warm white lamps throughout kitchen area.
5. [illegible] Control Panel L3. Refer Sheet E6 for details.
6. [illegible] one circuit for each color on each of three stage sections (12 circuits required to serve four colors on each of three stage sections).
7. Install exit [illegible] with bottom of fixtures 8'-6" AFF.
8. [illegible] down to switch and type "U" fixture at salad bar. See sheet E1.
9. Install 8WX lamps in all corridor fluorescent fixtures.
10. Furnish and install Markstone Series T4300 surface mounting two-circuit track-light in length as indicated - provide indicated fittings.
11. Seven groups of four colored spots (28 total). Install G.E., or approved equal, color lamps. Lamp by groups of four from left to right as follows: (1) 100 PAR/B (100 watt silicone blue projector flood); (2) 100 PAR/G (100 watt silicone green projector flood); (3) BSF30/A (75 watt amber reflector lamp); (4) 100 PAR/R (100 watt silicone red projector flood).
12. Extend circuit to RAF100-B Control Panel, Master Terminal Strip. Leave 12" leads for line conductors in box. (Low voltage wiring, switching and line connections will be furnished and installed by owner, see Riser diagram).
13. Stage spot lights prewired receptacle raceway "SP" with eight computer controlled single grounding receptacles for plugging connection of spot lights. Each receptacle is on separate circuit. This assembly will be installed by electrical contractor (see Drawing E-6). Run 3/4" EMT with thirteen No. 12 AWG THHN from "SP" to "[illegible]" as follows:

Circuit 1 - Black	Circuit 8 - Red
Circuit 2 - Red	Neutral - White
Circuit 3 - Blue	Neutral - White
Circuit 4 - Black	Neutral - White
Circuit 5 - Red	Neutral - White
Circuit 6 - Blue	Ground - Green
Circuit 7 - Black	

14. Eight 750 W spots with plugging connection to "SP" receptacles. Fixtures furnished and installed by Owner. Lamps furnished by Electrical Contractor.
15. Type "S" fixture assembly -- see Architectural Details and Electrical specifications.
16. "B-B"-150, "B-Y"-150, "B-G"-150 and "B-R"-150 denote type "B" fixtures with R-40 150 watt floods colored blue, yellow, green or red respectively. (See type "B" fixture specification).
17. Special display case outlet ("NOW SHOWING"). Provide supply JB at elevation as directed and connect fixture. Furnishing of display case fixture NIC.
18. Not Used.
19. Building sign connection. Provide supply JB in location as directed on inside face of canopy. Make electrical connection to sign. (Furnishing and installation of sign NIC. Verify location with Owner prior to roughing-in.
20. Split "CS" and "SE" circuits in blanked 4" JB placed on wall above "CC-SE".
21. Prewired stage right color spot light assembly "CC-R" with eight adjustable fixtures. This assembly will be installed by electrical contractor (see Drawing E-6). Run 1/2" EMT with six No. 12 AWG THHN from "CS-R" to "CC-CS" as follows:

Circuit 1 - Black	Circuit 4 - Black
Circuit 2 - Red	Neutral - White
Circuit 3 - Blue	Ground - Green

22. Prewired center stage color spot light assembly "CS-C" with twelve adjustable fixtures and two special effects receptacles (single receptacles at extreme left and right). This assembly will be installed by Electrical Contractor (see Drawing E-6). Run 3/4" EMT with nine No. 12 AWG THHN from "CS-C" to "CC-CS" and "CC-SE" as follows:

CC-CS Circuit B2 - Black	CC-SE Circuit 16 - Red
CC-CS Circuit G2 - Red	CC-SE Circuit 17 - Blue
CC-CS Circuit A2 - Blue	Neutral Conductor - White
CC-CS Circuit R2 - Black	Ground Conductor - Green
Neutral Conductor - White	

23. Prewired stage left color spot light assembly "CL-L" with eight adjustable fixtures. This assembly will be installed by Electrical Contractor (see Drawing E-6). Run 1/2" EMT with six No. 12 AWG THHN from "CL-L" to "CC-CL" as follows:

Circuit 1 - Black	Circuit 4 - Black
Circuit 2 - Red	Neutral - White
Circuit 3 - Blue	Ground - Green

24. Run down to J Box and type "V" fixture on stairs (see sheet E-1).
25. Not Used
26. Type "P" fixture assembly--see Architectural details and Electrical specifications.

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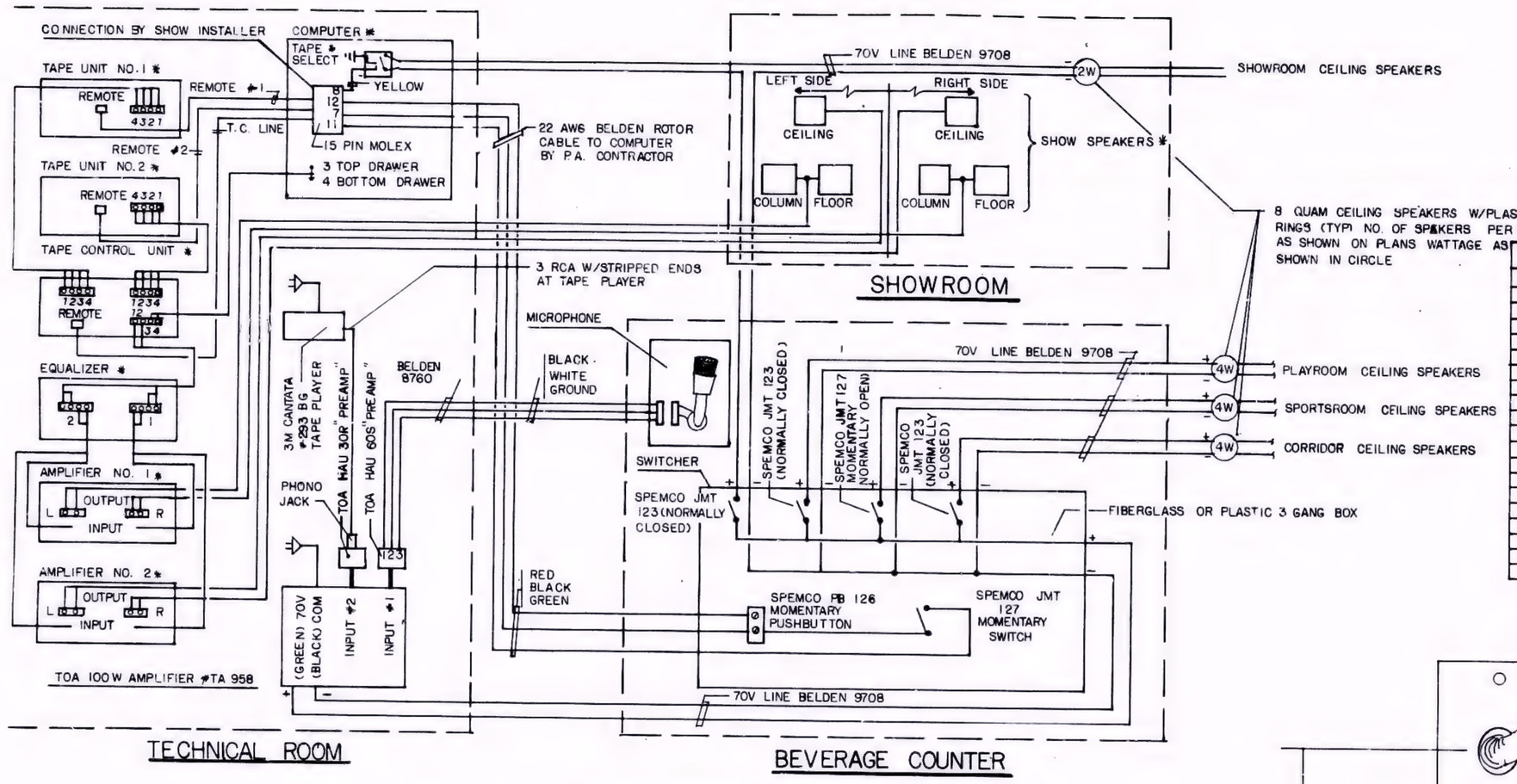
CAMELBACK ROAD SUITE 305 PHOENIX, ARIZONA 85014 (602) 264-2882

REVISION DATES
1-20-84
11-14-83

DATE:
JOB NO.
PROJECT MGR.
DRAWN BY: RSW
REVIEWED BY:

UMBERGER ASSOCIATES
LAND PLANNING·ARCHITECTURE·LANDSCAPE ARCHITECTURE · 815 EAST CAMELBACK

E-3



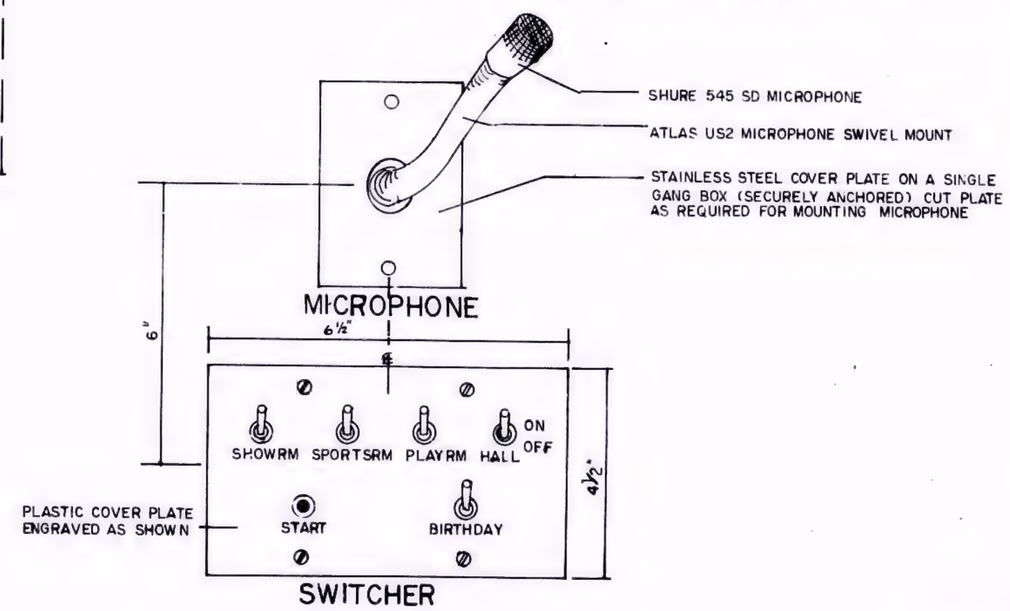
* FURNISHED BY S.P.P. OWNER & SHOW SUPPLIER & INSTALLED BY S.P.P. INC

P.A. ADDRESS / AUDIO SYSTEM DIAGRAM

NOT TO SCALE

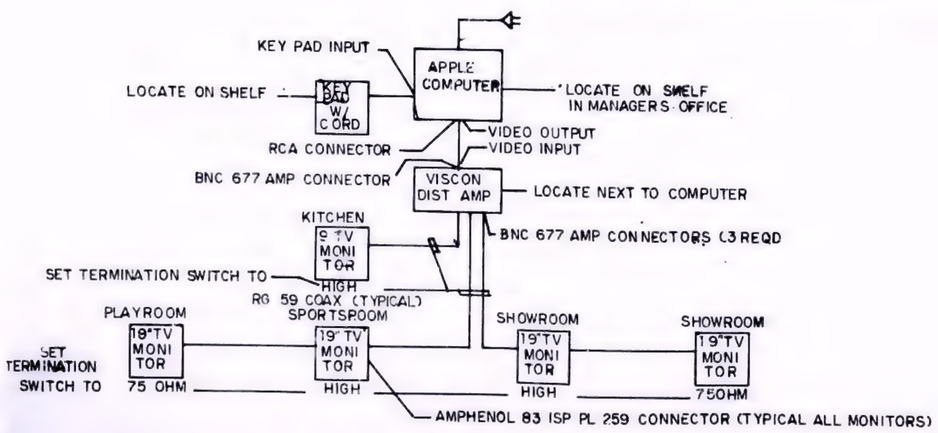
SPECIALIZED PARTS & EQUIPMENT LIST

QUAN	BRAND NAME	MODEL NO.	ITEM	WHERE USED
1	TOA	TA958	100W AMPLIFIER	P.A./AUDIO SYSTEM
1	TOA	HAU60S	PREAMP	
1	TOA	HAU30R	PREAMP	
1	SHURE	545SD	MICROPHONE	
1	ATLAS	US2	SWIVEL MIC MT	
VARIES	QUAM	C10X/B70WP	SPEAKER	
VARIES	LOWELL	RMP8	PLASTER RING	
VARIES	BELDEN	9708	2 COND CORD	
VARIES	BELDEN	8760	18GA MIC CABLE	
1	3M	293BG	TAPE PLAYER	
1	VICON	210	DIST AMPLIFIER	PICK-UP SYSTEM
5	SANYO	VM4219	19 TV MONITOR	
1	SANYO	VM4509	9 TV MONITOR	
3	E.M.I.	MCM19	CEILING MOUNTS	
1	GEN DESIGN INC	PICKUPEPROM	PRINTED CKT.BD.	
1	GEN DESIGN INC	REPLMT PROM	PRINTED CKT BD.	
1	PLEXART DES INC		KEY PAD HOLDER	
1	APPLE	II	COMPUTER	
1	A.B.T.		KEY PAD	



BEVERAGE COUNTER CONTROLS

NOT TO SCALE



PICK-UP SYSTEM DIAGRAM

NOT TO SCALE

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SHOWBIZ PIZZA PLACE

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S-M PIZZA INC. STORE NO. 2
2990 E. NORTHERN AVENUE · SUITE 106
PHOENIX, ARIZONA

8015 EAST CAMELBACK ROAD SUITE 205 · PHOENIX, ARIZONA 85014 · (602) 264-2967

REVISION DATES

DATE:
JOB NO.
PROJECT MGR.
DRAWNGS BY: RSW
REVIEWED BY:

UMBERGER ASSOCIATES
LAND PLANNING · ARCHITECTURE · LANDSCAPE ARCHITECTURE

E-4

1 Duplex grounding receptacle for curtain motor connection--install 12" above stage platform.

2 TV Monitor Station: Furnish and install flush grounding duplex receptacle for TV power and adjacent blanked 1-G switchbox for TV cabling. Run 3/4" with RG59U (Note 23) from switchbox as noted. Set receptacle and switchbox in recess by General Contractor or above shelf provided for TV monitor.

3 World No. A-5 white, vandalproof hand dryer--30 seconds/2300 watts/120 volts,--furnished by owner, installed by this contractor.

4 Not Used.

5 3/4" Conduit with pull-wire to telephone terminal board.

6 Verify all floor outlet locations with Owner before installation.

7 Exhaust Fan #3.

8 Extend 2 conductor curtain motor circuit to ACB in Panel L3 for switching control by Owner.

9 Duplex grounding outlet for animated character computer--circuit from phase "A".

10 Duplex grounding outlet for animated character audio system--circuit from phase "B"--not phase "A".

11 EAF 100-B Control Panel with panel L3. Refer sheet E6 for details.

12 Flush telephone outlet--44"AFF.

13 Animated character computer and audio.

14 Locate under counter in back wall of cabinet 34" AFF and beside box 22.

15 4' x 4' x 3/4" plywood telephone service backboard. Provide raceway to service point in compliance with utility requirements.

16 Exhaust Fan #2.

17 1/2 HP, 120V, single phase air drier.

18 20 HP, 208V, 3 phase air compressor for animated characters.

19 Low oil level switch wiring (120V) - 1/2" 2 #12 (connect to control panel terminals 7 and 8).

20 GFI receptacle in cast box with gasketed spring cover. Install on rooftop unit.

21 1/2" Conduit with RG59U Coax to TV J-Box in Technical Room. Leave 72" slack at terminations.

22 12" x 12" x 6" square, flush and blanked TV monitor JB set with centerline 54" AFF and beside receptacle 14.

23 3/4" with RG59U Coax. Leave 12" slack at terminations this contract.

24 Furnish and install three wall-mounted flush and blanked junction boxes with one 1-gang cover plate for audio set with center-line 60" AFF. Run 1" x 3" nipple out top of box to single-gang blanked switch box provided for microphone installation. Extend 1" conduit out of top of this box up to 4-11/16" square box located above ceiling. Run 1/2" audio conduits with pull wires out of this box to Games room, Sports room, corridor, Showroom and Computer room as indicated on drawings E1 and E4.

25 Blanked 4" octagon box above ceiling for speaker connection. Speaker connection by Owner.

26 Furnish and install 1/2" EMT with pull-wire to audio JB Mark 24 for audio cabling by Owner. Install minimum 6' of 1/2" flexible conduit at connection to speaker JB.

27 Furnish and install 1/2" EMT with pull-wire for audio cabling by Owner. Install minimum 6' of 1/2" flexible conduit at connection to Speaker JB.

28 Furnish and install 3/4" EMT with pull-wire to audio JB Mark 24 for audio input and output cabling by Owner.

29 Furnish and install single-gang switch box 5'-0" center-line AFF for audio cabling.

30 Furnish and install Realoc No. PPL-3-E3-S-PWF/PPL2043 power pole finished in simulated wood grain and black trim and with adjustable foot. Assembly shall include adjustable top T-bar assembly and two 20A duplex grounding receptacles on separate circuits. Extend three No. 12 conductors through 1/2" flexible conduit attached to the top knockout, to supply connection in a blanked JB installed above ceiling system. Provide minimum flex length of 72".

31 Provide accessible and fused Edwards No. 592 outlet box mounting, 24 volt, 20 watt, signal transformer in ceiling cavity. Interconnect with two push-buttons and two signals to place system in full operation. Provide 120 volt supply.

32 Extend 1" rigid conduit up to weatherhead termination for cable TV. Install TV weatherhead 36" minimum above roof line. Provide Pate pipe curb assembly for raceway.

33 Single receptacle in flush ceiling box. (2 thus). Verify location with owner. Refer sheet E7 for details.

34 Typical installation of two single receptacles in common flush box (CCTS 1 and 2). Refer sheet E7 for details.

35 Not Used.

36 Compressed air system control panel furnished by Owner-installed this contract.

37 Splice-in permanent wiring connection to heat lamp holders.

38 Install sealing condulets in all conduits entering cooler box (per NEC).

39 Remote air compressor "ON-OFF" switch. Engrave plate "AIR COMPRESSOR".

40 Berko Model FFR-1520-A, 208V/1 phase, 1.5 KW fan-forced wall heater with integral thermostat and surface mounting box.

41 Locate receptacle on wall centerline.

42 Blanked 4" octagon box above ceiling. Furnish and install 1/2" EMT with pull-wire from JB to speaker enclosure at front of platform for audio cabling by Owner. Install 6' of 1/2" flexible conduit at connection to speaker JB.

43 Run 1" EMT to 4" square TV JB.

44 1" PVC with pull-wire to property line for cable TV service. (See site plan).

45 1/2", 4 #12 from air compressor control panel terminals 1 and 2 to computer room switch Mark 39.

46 1/2", 2 #12 (2#12) to JB in computer room adjacent to hardwood control panel. Connect 2 #12 to terminals 5 and 6 in control panel 36.

47 Furnish and install audio JB 12" AFF. Extend 1/2" EMT with pull-wire to speaker JB's as indicated and three-gang box Mark 24.

48 Not Used.

49 Not Used.

50 1", 3 #4XHHHW to control panel terminals L1, L2, and L3.

51 1-1/4" sealtite furnished by Owner and installed by Electrical Contractor with 3 #4XHHHW and #4 green-wire ground (compressor power).

52 Center stage pre-wired receptacle raceway "SE-C" with junction box and twelve pre-wired duplex receptacles. This assembly will be installed by Electrical Contractor (see Drawing E6). Run 3/4" EMT with fourteen No. 12 AWG THHN from center junction box to "CC-EE" as follows:

Circuit 4 - Black	Circuit 11 - Red
Circuit 5 - Red	Neutral - White
Circuit 6 - Blue	Neutral - White
Circuit 7 - Black	Neutral - White
Circuit 8 - Red	Neutral - White
Circuit 9 - Blue	Ground - Green
Circuit 10 - Black	Ground - Green

53 Stage left prewired receptacle raceway "SE-L" with four prewired duplex receptacles. This assembly will be installed by Electrical Contractor (see Drawing E6). Run 1/2" EMT with seven No. 12 AWG THHN from "SE-L" to "CC-SE" as follows:

Circuit 12 - Black	Neutral - White
Circuit 13 - Red	Neutral - White
Circuit 14 - Blue	Ground - Green
Circuit 15 - Black	

54 Not Used.

55 Provide a 30A - 120 volt Twist-Lok receptacle in head style floor box (Hubbel S-6088 or equal). Provide 6" of SJ-2 #10 shop cord with 30A, 120 volt Twist-Lok plug (for use with receptacle in floor) on one end and a woodhead receptacle box, complete with 30A, 120 volt duplex receptacle outlet in box, on the other end of cord.

56 This piece of equipment will require hard-wired connection.

57 Provide outlet to match plug on this piece of equipment. Verify voltage and amp rating required for outlet.

KITCHEN ELECTRICAL REFERENCE NOTES

A Undercounter Refrigerator, provide electrical connections at two elevations. (See Arch. details).

B 3 - #10 in 1/2" Conduit (includes green wire ground.)

C 2 - #10 in 1/2" Conduit to 30 amp 1-pole breaker.

D Clean circuit for "Point of Sales" system. Provide with separate green wire ground, 3 - #10 in 1/2" Conduit to 30A, 1-pole breaker in panel L2. Run green wire ground to building service ground.

E Refer to kitchen equipment drawings for equipment identification. Kitchen equipment will be provided by Kitchen Equipment Supplier. Electrical Contractor shall make all required electrical connections. Electrical contractor shall provide junction boxes, connecting devices and other accessories as required. Verify all dimensions with Kitchen Equipment Supplier before roughing-in.

F Cooler lights, cooler blower, and door heaters.

G 3/4 HP, 120 volt, single phase rooftop exhauster (see Mech. plans).

H Locate exhauster controller as directed.

J Remote air-cooled condenser for ice cuber K-29.

K Grounding single receptacle for "Point of Sales" system.

L Grounding single receptacle for printer on shelf.

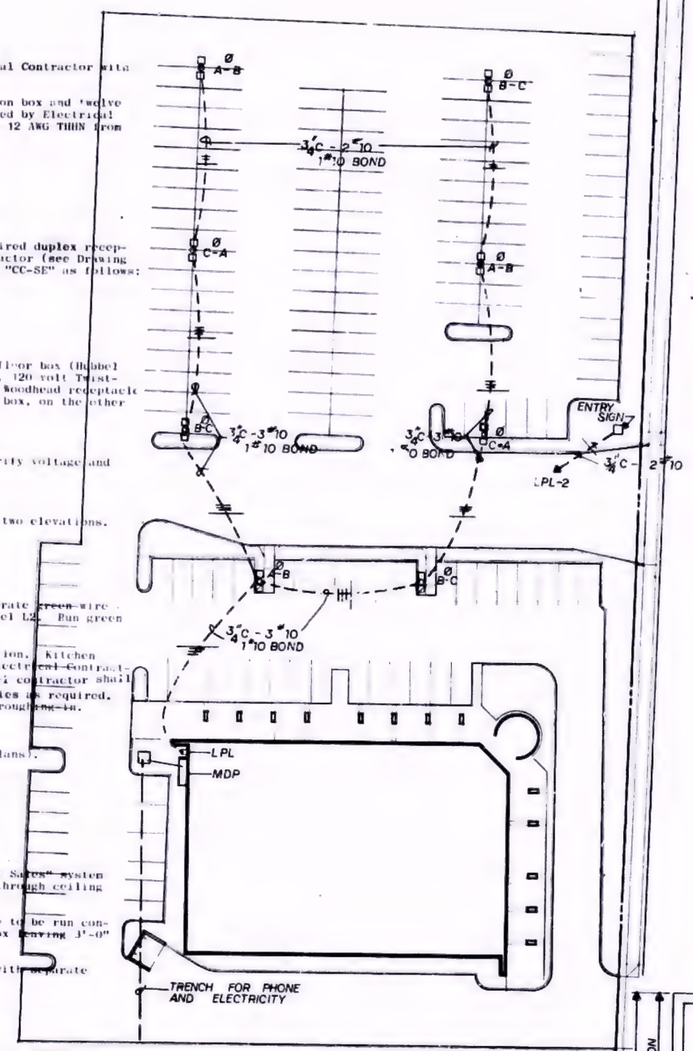
M Provide 4" square flush and blanked junction box for "Point of Sales" system cabling. Mount adjacent to receptacle. Run 1/2" EMT up and through ceiling as indicated.

N 1/2" EMT with Belden #8444, 4 conductor stranded cable. Cable to be run continuous, without any splices, from junction box to junction box leaving 3'-0" loop at each J-Box.

P 4-Plex Outlet; clean circuit for "Point of Sales" system CPU with separate green wire ground run to building service ground.

ELECTRICAL SYMBOLS LIST

2- #12 in 1/2" Conduit above Floor	
2- #12 in 1/2" Conduit below Floor	
Homerun to Panel L1, Ckts. #1, 2, & 3	
Separate Green Wire Ground	L1 123
Panelboard	
Safety Switch	
SP-ST Switch	S
3-Way Switch	S_3
Dimmer Switch	S_D
Switch w/Thermal overload protection	S_T
Switch w/Pilot light	S_P
Switch w/Receptacle in 2 gang box	$S_{\oplus}$
Grounding Duplex Receptacle	
Weatherproof Receptacle	WP
Game Recpt. Duplex Grounding type	G
Floor Receptacle	
Thermostat, Night-stat	T T_N
Junction Box, Motor	

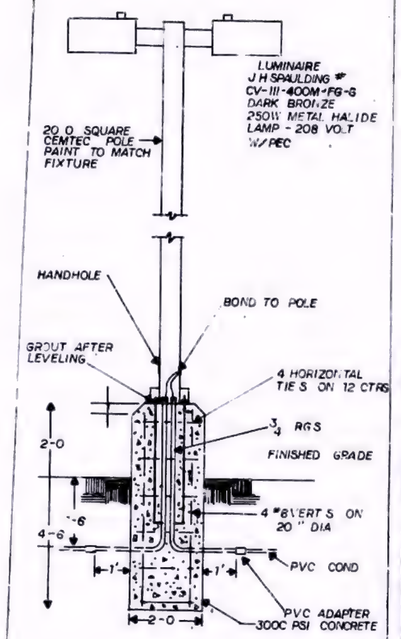


NORTH

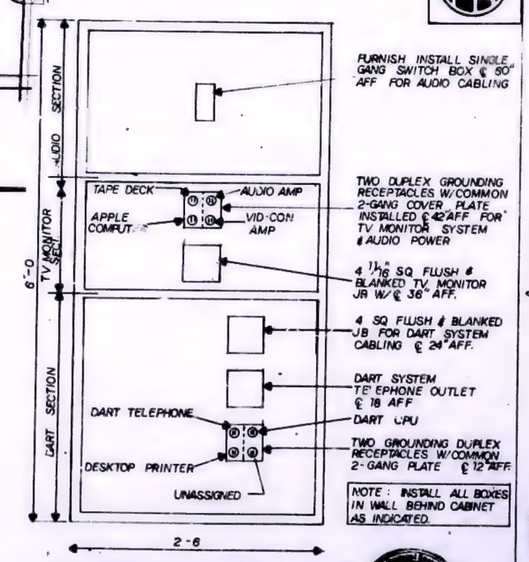
SITE LIGHTING PLAN

SCALE: 1" = 30'-0"

Telephone Outlet	
Motor Starter or Contactor	
Push Button	
Buzzer #1	1
Buzzer #2	2
Kitchen Equipment item indicator	
Speaker	S
Recessed 2 x 4 Fluorescent	
Surface Mounted Fluorescent	
Exit Light ceiling, wall mounted w/battery pack	
Emergency Light w/battery pack	
P.E. Cell	
Pole Mounted Parking Lot Light (Cut off type)	
Recessed Wall Washer	
Ceiling, Wall Mounted Incandescent	



LIGHT POLE DETAIL
NO SCALE



NOTE: INSTALL ALL BOXES IN WALL BEHIND CABINET AS INDICATED.

ELECTRONICS CABINET
SCALE NONE

WRIGHT ELECTRICAL CONSULTING
ELECTRICAL ENGINEERING AND DESIGN
P.O. Box 26586 • Tempe, AZ 85282

SHOWBIZ PIZZA PLACE

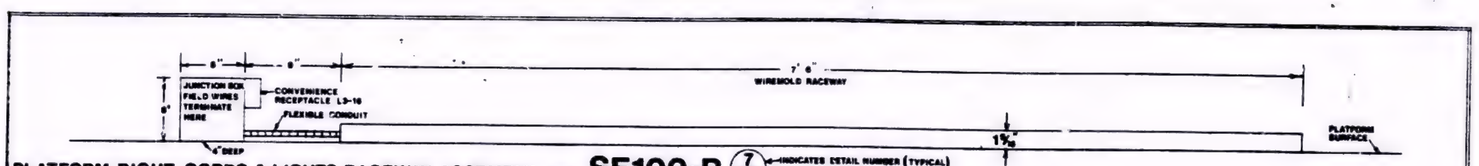
856 S. ALMA SCHOOL RD.
S-M PIZZA INC. STORE NO. 2
2950 E. NORTHERN AVENUE · SUITE 100
PHOENIX, ARIZONA
EAST CAMELBACK ROAD SUITE 205 PHOENIX, ARIZONA 85014 · (602) 964-2697

UMBERGER ASSOCIATES
LAND PLANNING · ARCHITECTURE · LANDSCAPE ARCHITECTURE · SIS

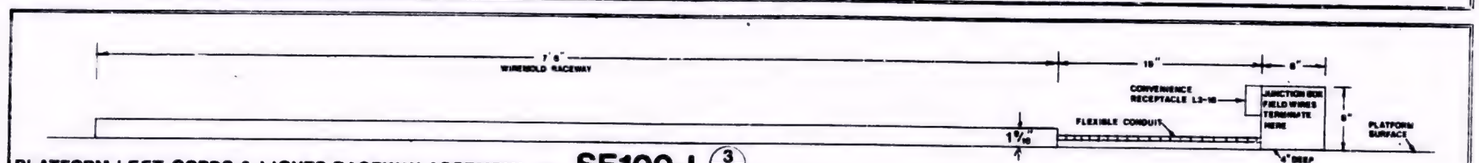
DATE:
JOB NO.:
PROJECT MGR.:
DRAWING BY:
REVIEWED BY:

REVISION DATES
11-14-88

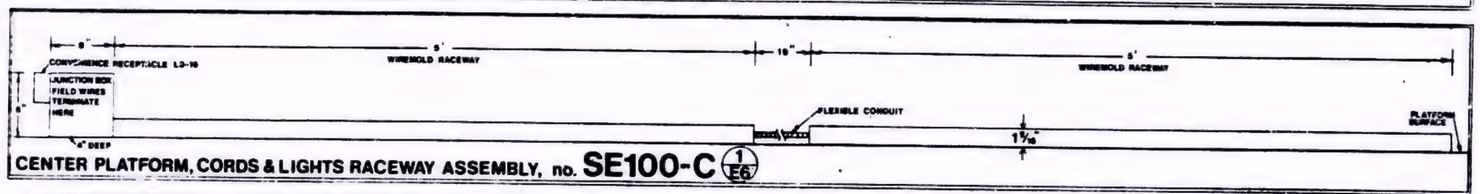
E-5



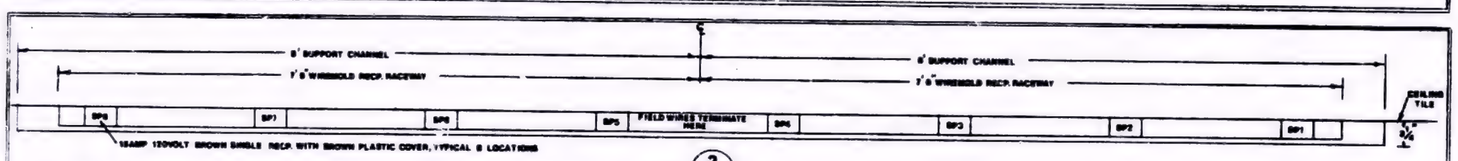
PLATFORM RIGHT, CORDS & LIGHTS RACEWAY ASSEMBLY, no. **SE100-R** (7/E6) ← INDICATES DETAIL NUMBER (TYPICAL)



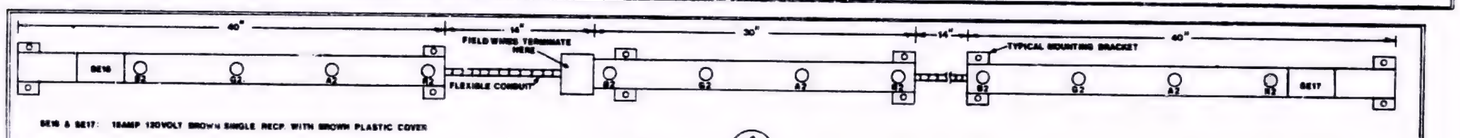
PLATFORM LEFT, CORDS & LIGHTS RACEWAY ASSEMBLY, no. **SE100-L** (3/E6)



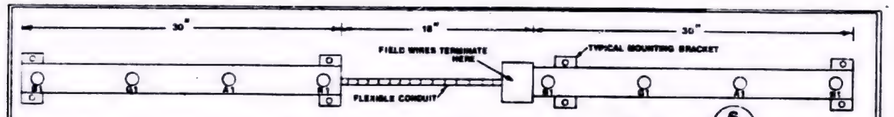
CENTER PLATFORM, CORDS & LIGHTS RACEWAY ASSEMBLY, no. **SE100-C** (1/E6)



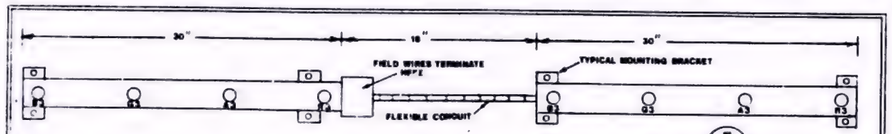
PLATFORM SPOT LIGHTS RECP. & SUPPORT RACEWAY ASSEMBLY no. **SP** (2/E6)



COLOR SPOT LIGHTS RACEWAY, CENTER PLATFORM, ASSEMBLY no. **CS-C** (4/E6)



COLOR SPOT LIGHTS RACEWAY, PLATFORM RIGHT, ASSEMBLY no. **CS-R** (6/E6)



COLOR SPOT LIGHTS RACEWAY, PLATFORM LEFT, ASSEMBLY no. **CS-L** (5/E6)

B= BLUE COLOR LAMP
G= GREEN COLOR LAMP
A= AMBER COLOR LAMP
R= RED COLOR LAMP

THE EQUIPMENT ON THIS SHEET IS PURCHASED DIRECTLY BY THE OWNER FROM:
A/C CONTROLS MFG. Co., INC.
1400 SPRUCE
KANSAS CITY, MISSOURI 64127
816 231 6400
MR. SEAN BERRY

FURNISHED TO THE ELECTRICAL CONTRACTOR FOR INSTALLATION AS NOTED.
ALL FREIGHT PREPAID

PANEL L3

LOAD SERVED	POLE	AMP	CIRCUIT NO.			AMP	POLE	LOAD SERVED
COMPUTER RECEPTACLE	1	20	1	Ad	2	20	1	DINING ROOM EMERGENCY LIGHTS
AUDIO RACK RECEPTACLE	1	20	3	Bd	4	15	1	B1, G1, A1, R1
CURTAIN CONTROL - PLATFORM LEFT	1	20	5	Cd	6	20	1	CURTAIN CONTROL, CENTER PLATFORM
HOUSE LIGHTS #1 (HL1)	1	15	7	Ad	8	15	1	HOUSE LIGHTS #2 (HL2)
SE1, SE2, SE3, SE4, SE5	1	15	9	Bd	10	20	1	CURTAIN CONTROL, PLATFORM RIGHT
SP1	1	35	11	Cd	12	15	1	SP2
HOUSE LIGHTS #3 (HL3)	1	15	13	Ad	14	15	1	HOUSE LIGHTS #4 (HL4)
CONVENIENCE RECEPTACLE, CONTR.	1	20	15	Bd	16	20	1	PLATFORM RECP., LEFT,CTR.,RIGHT
SP3	1	15	17	Cd	18	15	1	SP4
HOUSE LIGHTS #5 (HL5)	1	15	19	Ad	20	15	1	HOUSE LIGHTS #6 (HL6)
DINING ROOM MONITOR RECP'S (2)	1	20	21	Bd	22	15	1	SE6, SE7
CONTROL ROOM LIGHTS	1	20	23	Cd	24	20	1	WORK LIGHTS, PLATFORMS
HOUSE LIGHTS #7 (HL7)	1	15	25	Ad	26	15	1	HOUSE LIGHTS #8 (HL8)
SE8, SE9	1	15	27	Bd	28	15	1	SE10, SE11, SE12
SP5	1	15	29	Cd	30	15	1	SP6
HOUSE LIGHTS #9 (HL9)	1	15	31	Ad	32	15	1	HOUSE LIGHTS #10 (HL10)
SE13, SE14, SE15	1	15	33	Bd	34	15	1	SE16, SE17, SE18
SP7	1	15	35	Cd	36	15	1	SP8
FUTURE	1		37	Ad	38		1	FUTURE
B2, G2, A2, R2	1	15	39	Bd	40	15	1	B3, G3, A3, R3
SE19, SE20	1	15	41	Cd	42	15	1	CONTROL CCT., HL CONTACTORS

NOTE: TOTAL LOAD CONNECTED = 80.78 AMPS

THE SEVEN(7) RACEWAYS ASSEMBLES SHOWN TO THE LEFT ARE COMPLETELY PREWIRED AND ASSEMBLED EXACTLY AS DRAWN, INCLUDING THE FLEXIBLE CONDUIT, JUNCTION BOXES, RECEPTACLES WITH COVERS, WIREMOLD RACEWAY, B-LINE CHANNEL, AND ALL WIRING WITHIN THE ASSEMBLY.

ALL WIRES FOR FIELD CONNECTIONS ARE CONTAINED WITHIN THE JUNCTION BOX OF EACH ASSEMBLY. EACH WIRE IS MARKED WITH A PERMANENT NUMBER IDENTIFICATION TAG TO MATCH THE MARKINGS CALLED FOR BY "SCHEDULE A" ON DRAWING E7.

THE SE100-L, SE100-C, AND SE100-R COME WITH A GROUP OF CORDS AND LIGHTS THAT ARE FACTORY MOUNTED AND WIRED TO THE WIREMOLD RACEWAY. IT IS THE RESPONSIBILITY OF THE SHOWBIZ PIZZA PLACE "SHOW INSTALLATION TEAM" TO POSITION THESE LIGHTS ON THE PLATFORM FLOORS.

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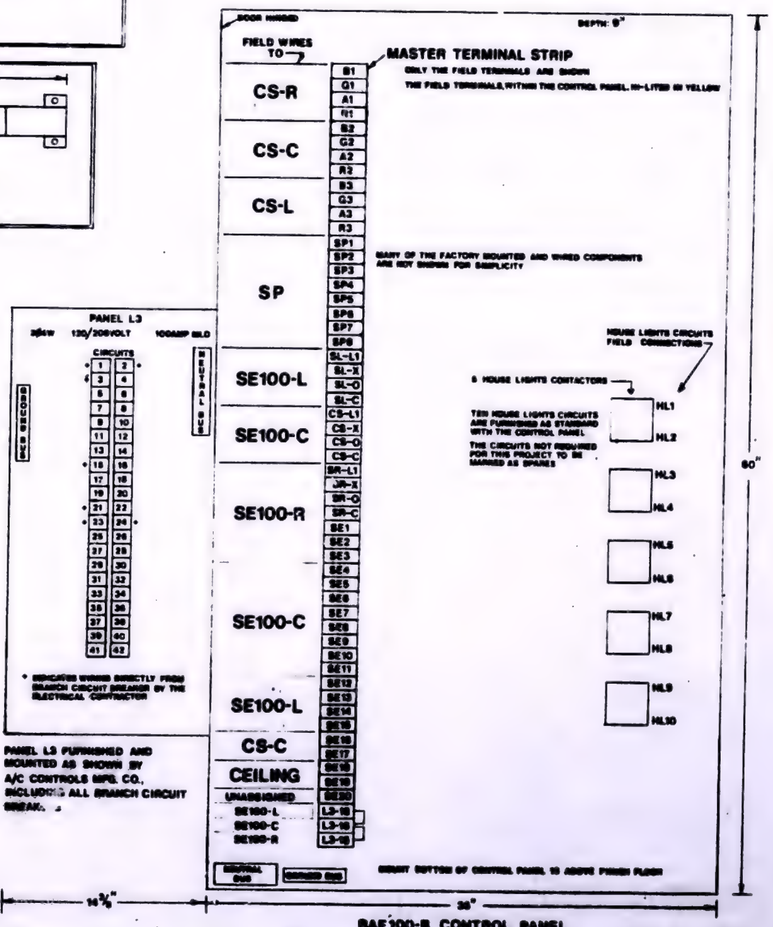


RAF100-B CONTROL PANEL
FURNISHED BY CREATIVE ENGINEERING AS PART OF PACKAGE

PANEL L3 FURNISHED AND MOUNTED AS SHOWN BY A/C CONTROLS MFG. CO., INCLUDING ALL BRANCH CIRCUIT BREAK.

SHOWBIZ PIZZA PLACE

856 S. ALMA SCHOOL RD.
S-M PIZZA INC. STORE NO. 2
2990 E. NORTHERN AVENUE · SUITE 100
PHOENIX, ARIZONA

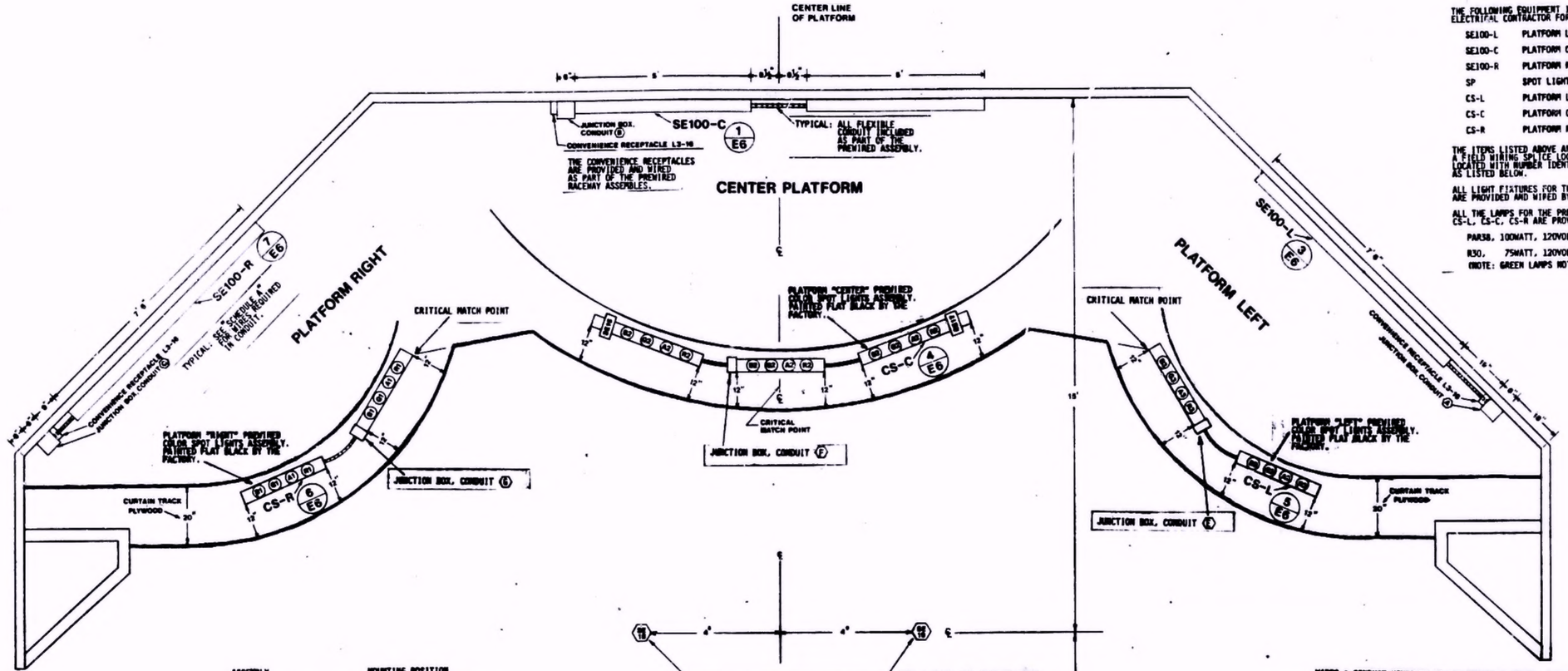
EAST CAMELBACK ROAD SUITE 205 · PHOENIX, ARIZONA 85016 · (602) 956-7480

LAMBERGER ASSOCIATES
LAND PLANNING · ARCHITECTURE · LANDSCAPE ARCHITECTURE

REVISION DATES

DATE:
JOB NO.
PROJECT MGR.
DRAWN BY:
REVIEWED BY:

E-6



THE FOLLOWING EQUIPMENT IS FURNISHED BY THE OWNER TO THE ELECTRICAL CONTRACTOR FOR INSTALLATION:

SE100-L	PLATFORM LEFT "SE" RACEWAY ASSEMBLY.
SE100-C	PLATFORM CENTER "SE" RACEWAY ASSEMBLY.
SE100-R	PLATFORM RIGHT "SE" RACEWAY ASSEMBLY.
SP	SPOT LIGHTS RECEPTACLE RACEWAY ASSEMBLY.
CS-L	PLATFORM LEFT COLOR SPOT LIGHTS ASSEMBLY.
CS-C	PLATFORM CENTER COLOR SPOT LIGHTS ASSEMBLY.
CS-R	PLATFORM RIGHT COLOR SPOT LIGHTS ASSEMBLY.

THE ITEMS LISTED ABOVE ARE COMPLETELY PREWIRED, EACH HAVING A FIELD WIRING SPLICE LOCATION IN WHICH ALL FACTORY WIRES ARE LOCATED WITH NUMBER IDENTIFICATION TAGS TO MATCH THE SCHEDULE AS LISTED BELOW.

ALL LIGHT FIXTURES FOR THE PREWIRED COLOR SPOT LIGHTS ASSEMBLIES ARE PROVIDED AND WIRED BY THE FACTORY.

ALL THE LAMPS FOR THE PREWIRED COLOR SPOT LIGHTS ASSEMBLIES CS-L, CS-C, CS-R ARE PROVIDED BY A/C CONTROLS MFG. CO.

PAR38, 100WATT, 120VOLT, FOR BLUE, RED, AND GREEN.

R30, 75WATT, 120VOLT, FOR AMBER.

(NOTE: GREEN LAMPS NOT INSTALLED FOR THE CS-C ASSEMBLY)

RAF100-B CONTROL PANEL WITH PANELBOARD "L3" MOUNTED AND WIRED IS PROVIDED BY OWNER

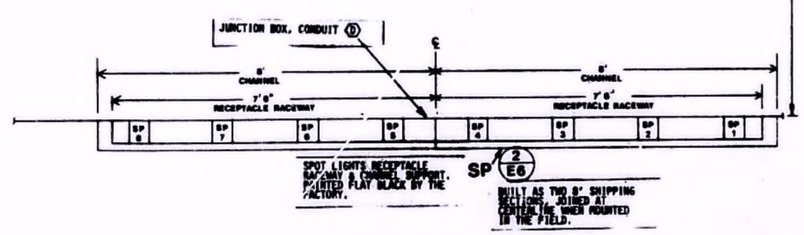
ASSEMBLY	MOUNTING POSITION
SE100-L	MOUNTS AT PLATFORM LEFT, AGAINST THE WALL
SE100-C	MOUNTS AT CENTER PLATFORM, AGAINST THE WALL
SE100-R	MOUNTS AT PLATFORM RIGHT, AGAINST THE WALL
SP	MOUNTS AT CEILING TILE IN DINING ROOM
CS-L	MOUNTS AT CEILING ABOVE PLATFORM LEFT
CS-C	MOUNTS AT CEILING ABOVE CENTER PLATFORM
CS-R	MOUNTS AT CEILING ABOVE PLATFORM RIGHT

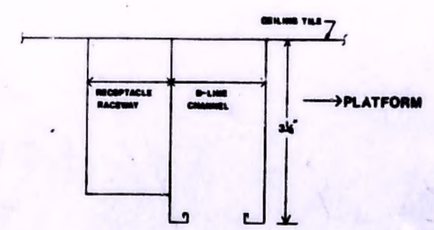
WIRES & CONDUIT NUMERUNS TO THE RAF100-B CONTROL PANEL FROM THE PREWIRED ASSEMBLIES

SCHEDULE A

ASSEMBLY	CONDUIT	No. OF WIRES	WIRE IDENTIFICATION AND TERMINAL POINT CONNECTION ON THE MASTER TERMINAL STRIP IN THE RAF100-B CONTROL PANEL OR PANELBOARD "L3"
SE100-L	(A)	13	SE12, SE13, SE14, SE15, L3-16, SL-L1, SL-X, SL-O, SL-C, 3-WHITE NEUTRALS, 1-GREEN GROUND
SE100-C	(B)	19	SE4, SE5, SE6, SE7, SE8, SE9, SE10, SE11, L3-16, CS-L1, CS-X, CS-O, CS-C, 5-WHITE NEUTRALS, 1-GREEN GROUND
SE100-R	(C)	12	SE1, SE2, SE3, L3-16, SR-L1, SR-X, SR-O, SR-C 3-WHITE NEUTRALS, 1-GREEN GROUND
SP	(D)	13	SP1, SP2, SP3, SP4, SP5, SP6, SP7, SP8, 4-WHITE NEUTRALS, 1-GREEN GND.
CS-L	(E)	6	B3, G3, A3, R3, 1-WHITE NEUTRAL, 1-GREEN GROUND
CS-C	(F)	10	B2, G2, A2, R2, SE16, SE17, 5-WHITE NEUTRALS, 1-GREEN GROUND
CS-R	(G)	6	B1, G1, A1, R1, 1-WHITE NEUTRAL, 1-GREEN GROUND
NONE	(H)	5	SE18, SE19, 2-WHITE NEUTRALS, 1-GREEN GROUND

NOTES: 1. ALL NEUTRAL WIRES TERMINATE TO THE NEUTRAL BUS BAR (WHITE)
2. ALL GROUND WIRES TERMINATE TO THE GROUND BUS BAR (GREEN)
3. ALL PHASE WIRES TO BE BLACK, RED, OR BLUE
4. ALL WIRES TO BE MINIMUM OF #12 THWN COPPER





END VIEW "SP" RACEWAY ASSEMBLY
RECEPTACLES FACE AWAY FROM THE PLATFORM

PROVIDED WITH THE "SP" RECEPTACLE RACEWAY ASSEMBLY

1. 16' 8-LINE CHANNEL (ALL SIDES), PAINTED FLAT BLACK, SLOTTED TILE.
2. PREWIRED RECEPTACLE RACEWAY, PAINTED FLAT BLACK
3. EIGHT (8) 8-LINE ANGLES, 8-13 TOTAL HOLES
   - 8-13 x 2" CHANNEL 5 BOLTS
   - 8" FLAT WASHERS
   - 8" LOCK NUTS

PROVIDED FOR THE MOUNTING OF THE SPOT LIGHT FIXTURES BY THE SUPPLIER OF THE TOOL.

NOTE: THE CONTRACTOR IS TO PROVIDE TWO 1" CONDUITS FROM THE JUNCTION BOX TO THE CENTER OF THE PLATFORM FOR THE SPOT LIGHTS CABLE.

WARMINT ELECTRICAL CONSULTING
ELECTRICAL ENGINEERING AND DESIGN
P.O. Box 25086 • Tempe, AZ 85282

SHOWBIZ PIZZA PLACE

896 S. ALMA SCHOOL RD.
S-M PIZZA INC. STORE NO. 2
226 E. NORTHERN AVENUE · SUITE 106
PHOENIX, ARIZONA

BACK ROAD SUITE 205 · PHOENIX, ARIZONA · 266-1466

REVISION DATES

CAMBERGER ASSOCIATES
LAND PLANNING · ARCHITECTURE · LANDSCAPE ARCHITECTURE · 515 EAST CAMELBACK

DATE:
JOB NO.
PROJECT MGR.
DRAWN BY:
REVIEWED BY:

E·7

SECTION 02820

TREES, SHRUBS, AND GROUNDCOVER

PART 1 - GENERAL

Refer to Division 1 for General Requirements.

Work Specified Herein

This section describes the labor, materials and installation requirements necessary to complete the fine grading, incidental grading, planting and related items as indicated or specified.

Submittals

Inspection certificates by State, Federal and others indicating the origin and health of the plant material in duplicate.

Sample of decomposed granite for approval.

All plant material shall be reviewed by the Architect at the source of supply. Architect reserves the right to refuse any plant material he deems unacceptable.

Written guarantee warranting the plant material to be in healthy condition 60 days from the date of substantial completion and that material that is not shall be replaced at no cost to the owner within 30 days of written notice. Warrantee replacement planting shall be warranted for 60 days from the date of planting.

Delivery, Storage, and Handling

Each tree, shrub, groundcover flat, container of fertilizer, or other construction material shall be labeled by grower or manufacturer as separate items. Bulk deliveries of mulch, granite, topsoil, etc., shall be accompanied with two delivery tickets. One delivery ticket shall be provided to the Contractor

Job Conditions

The Sub-Contractor shall receive the site with compacted grade at plus or minus one tenth (.1+/-) of a foot except as noted in Grading in this section. The planting areas will be free of waste or debris developed by other trades. Any discrepancy from such conditions shall be reported to the Contractor before beginning construction.

Grading

Sub-Contractor shall fine grade all planting areas.

Sub-Contractor shall provide incidental grading of all areas adjacent to curbs and sidewalks. Provide a finish grade one and one half (1½) inches below curbs or sidewalks. When sod or decomposed granite is being installed, the appropriate subgrade shall be graded prior to the installation of such materials.

The existing soil shall be graded to an elevation two inches (2") below the top of curbing with a four to one (4:1) maximum slope.

Planting Season

The planting of trees, shrubs, and/or groundcover shall be performed during favorable weather conditions. Plant material which would be susceptible to loss under extreme conditions of heat or cold at initial planting, shall only be planted with permission requested in writing by the Sub-Contractor and approved by the Architect.

PART 2 - PRODUCTS

Commercial fertilizers shall be as follows:

Iron-Sul: Ground ferrous sulfate containing not less than 20% iron and not less than 30% sulphur as manufactured by Duval.

Agricultural grade gypsum.

Vitamin B-1 root stimulator.

Agriform planting tabs.

Organic amendments shall be as follows:

Mulch shall be approved nitrogenized saw dust or forest humus.

Tree stakes shall be 2"x2"x8' redwood, free of knots and/or cracks.

Tree ties shall be wire of pliable zinc-coated iron of #10 gauge; provide a minimum of two (2) per tree.

Hose covering shall be two-ply, reinforced, rubber garden hose of at least ½" diameter.

Lawn Headers shall be as noted and detailed in Drawings.

Trees, shrubs, and groundcovers from flats shall be grown in pots, tubs, cans, boxes, or flats as scheduled. Plants shall have sufficient roots to hold earth intact after rootball is removed from the container without being rootbound. Plants shall be approved or rejected at the Architect's discretion for damage, health, form, and size before planting. Plant materials that are poor in health or damaged prior to substantial completion and/or during the warrantee period will be identified and shall be replaced by the Contractor within fourteen (14) days of written notice.

Tree paint shall be as manufactured by Ortho.

Pre-emergent herbicide shall be Surflan 75W as manufactured by Elanco Chemical Company.

Contact herbicide shall be Round-up as manufactured by Monsanto.

PART 3 - EXECUTION

Prepare site by applying Round-up as per label directions to weed growth on site. Scarify planting areas to a minimum depth of six inches (6"). Float beds to grade and rake to remove weeds, clods, or rocks one inch in diameter or greater. Thoroughly water settle all soil.

Beds for materials from flats shall have three (3) cubic yards of mulch, one hundred fifty (150) pounds of Gro-Power, and one hundred fifty (150) pounds of Gypsum per one thousand square feet (1000 S.F.), incorporated into the top six inches of the bed.

Granite groundcover areas shall be floated and raked to a finish subgrade prior to the installation of the granite.

Stake plant material locations prior to planting for approval by the Architect.

Pits for container grown plant material shall be excavated twice the size of the rootball of the plant being planted.

Remove plants from containers without disturbing the rootball. Set plants in pit, cradling and supporting the rootball. Position plant for the "best side" view and for minimum obstruction to traffic on adjacent pavement.

Backfill pit with a blended mixture containing one part mulch, three parts native soil, one-half part gypsum, and one-fourth cup of Iron-Sul per cubic yard of backfill. When the plant is set and the backfill has been water settled, the top of the rootball shall be two inches below finish grade. Agriform tablets shall be placed approximately six inches (6") below finish grade in this process in quantity as shown on the Drawings.

An alternate method for the application of Iron-Sul for the planting of container plants would be to place:

1. one handful divided equally in six-one gallon plant pits
2. one handful divided equally in four-five gallon plant pits
3. one handful in each fifteen gallon plant pit
4. two handfuls in each 24" box plant pit
5. four handfuls in each 36" box plant pit

before backfilling and setting of the plant, so rootball does not contact concentrations of Iron-Sul.

Apply Vitamin B-1 Root Stimulator at the rate of one tablespoon per gallon.

Stake trees as per detail, detail, minimum, or as directed to properly support the plant material supplied.

Prune each tree and shrub to preserve the natural character of the plant per American Standard for Nursery Stock as published by the American Association of Nurserymen. Prune to remove all suckers, deadwood, and broken or badly bruised branches. Paint cuts over three-fourths (3/4) inch in diameter and exposed cambrium of bruised areas with tree paint as specified herein.

Mulch all plant pits, shrub beds, and groundcover beds with a two inch (2") depth of mulch immediately after planting.

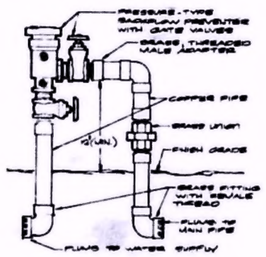
Decomposed granite shall be applied and raked to the finish grade. Thoroughly water settle the granite, to dissipate the fines and lightly roll. Apply Surflan Herbicide as per label directions to complete operation.

Clean-up

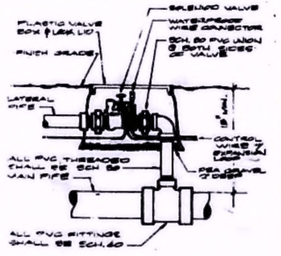
Remove all waste and debris; clean all pavement of soil and mulch created by operations in this scope of work from site.

Maintenance and Protection

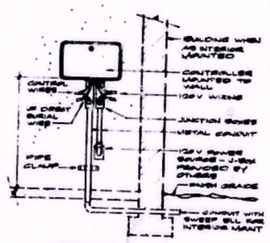
Maintenance shall begin immediately with the planting of each plant and continue through a period sixty (60) days after substantial completion. Substantial completion shall be documented in writing from the Contractor.



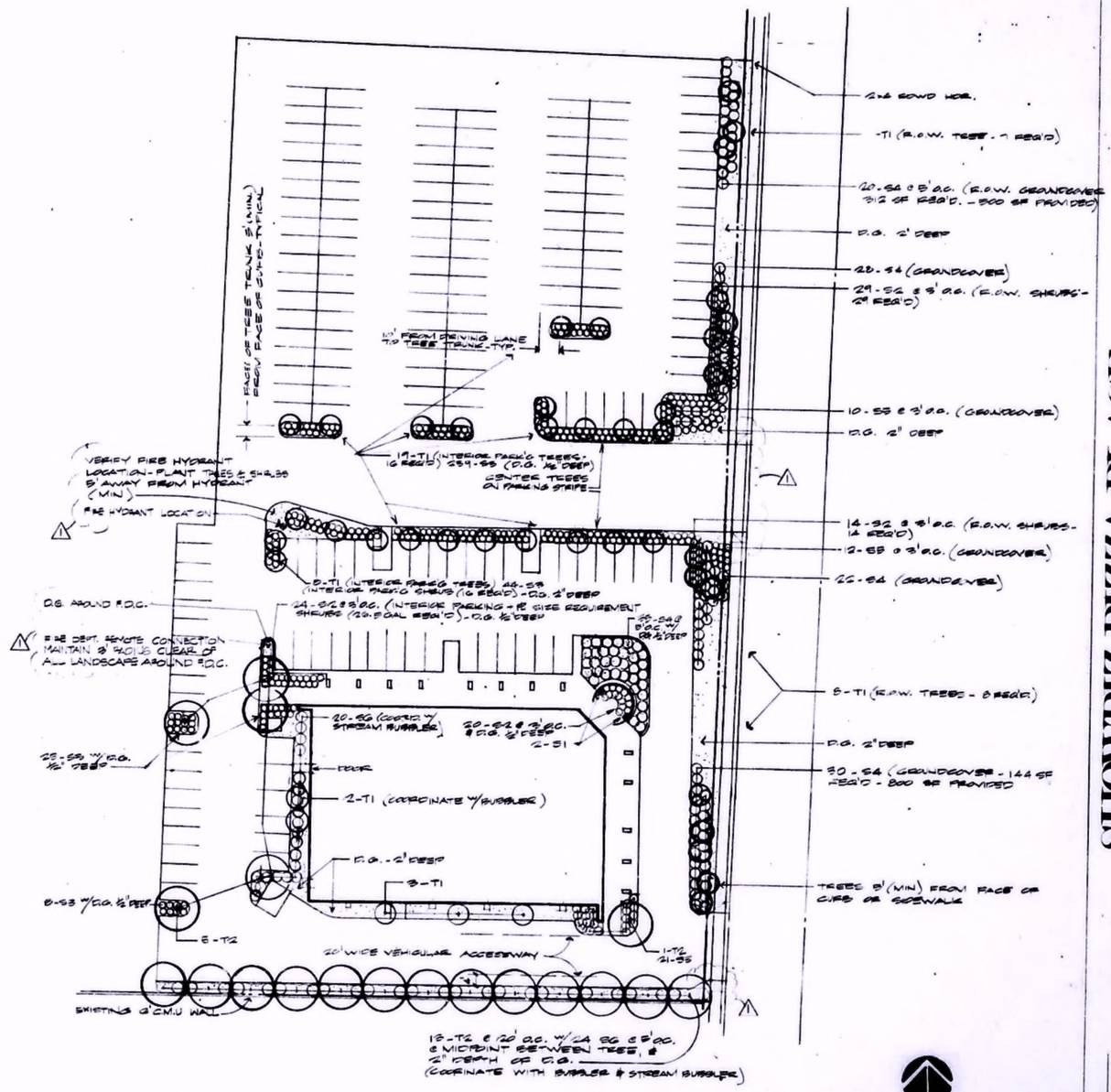
BACKFLOW PREVENTER

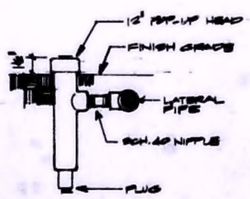


SOLENOID VALVE

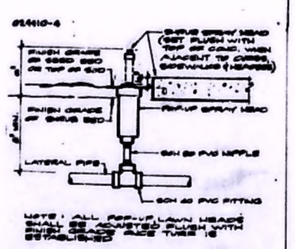


CONTROLLER

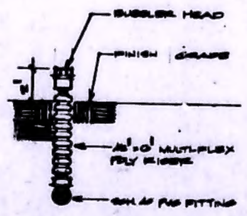




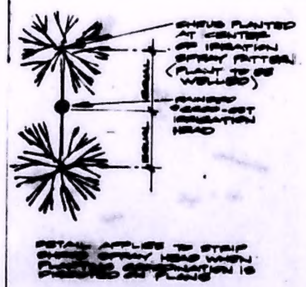
HI-POP UP SHRUB SPRAY



SPRAY HEADS



BUBBLER HEAD



CST SHRUB SPRAY

PLANT MATERIALS LIST

SYMBOL	QUAN.	COMMON NAME (BOTANICAL NAME)	SIZE	NOTES
T1	69	SOUR ORANGE (CITRUS AURANTIUM)	15 GAL.	PRUNE FOR 5' CLEAR TRUNK
T2	11	BOTTLETREE (BRACHYCHITON POPULNEUM)	15GAL.	" "
S1	2	FIG VINE (FICUS PUMILA)	5 GAL.	TRAIN TO WALL
S2	87	NATAL PLUM (CARISSA G. 'TUTTLEI')	5 GAL.	MAINTAIN AT 3' MAX. HEIGHT
S3	337	" " "	1 GAL.	" " " "
S4	135	PROSTRATE MYOPORUM (MYOPORUM PARVIFOLIUM)	1 GAL.	
S5	22	TRAILING LANTANA (LANTANA MONTEVIDENSIS)	1 GAL.	
S6	44	JAPANESE PRIVET (LIGUSTRUM JAPCNICUM)	1 GAL.	
D.G.	12000SF	GOLDEN DECOMPOSED GRANITE	3/4" MINUS	½" OR 2" AS NOTED

SHOWBIZ PIZZA PLACE
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2990 E. NORTHERN AVENUE · SUITE 106
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5 EAST CAMELBACK ROAD SUITE 305 PHOENIX, ARIZONA 85012 (602) 263-1967

REVISION DATES

DATE:
JOB NO.
PROJECT MGR.
DRAWN BY:
REVIEWED BY:

UMBERGER ASSOCIATES
LAND PLANNING · ARCHITECTURE · LANDSCAPE ARCHITECTURE

L-1

PANEL L1

120/208 V 3 PH 4 W — TYPE NQOB MOUNTED FLUSH — 200 AMP MAIN BREAKER

CIRCUIT DESCRIPTION	%	CKT NO	LOAD A	LOAD B	LOAD C	CKT NO	%	CIRCUIT DESCRIPTION
Game Room Column Recpt.	20	1	960			2	20	Game Room Column Recpt.
		3	1080			4		
		5		960		6		
		7		1320		8		
		9			960	10		
		11			960	12		
		13	960			14		
		15	960			16		
		17		960		18		
		19		960		20		
		21			960	22		
		23			1080	24		
Office Receptacles		25	540			26		
Office Receptacles		27		540		28		
		29				30		
		31				32		
		33				34		
		35				36		
		37				38		
		39				40		
		41				42		

LOAD NON-CONTINUOUS	8340	8820	7800	8820 ÷ 120 = 73.5 AMPS
CONTINUOUS				
25% OF CONTINUOUS				
CODE TOTAL	8340	8820	7800	A.I.C. BREAKERS 10,000

PANEL L4

120/208 V 3 PH 4 W — TYPE NQOB MOUNTED FLUSH — 100 AMP MAIN BREAKER

CIRCUIT DESCRIPTION	%	CKT NO	LOAD A	LOAD B	LOAD C	CKT NO	%	CIRCUIT DESCRIPTION
Cleaning Lights	20	1	1088			2	20	Mechanical Room Lights Technicians Room Lights
Cleaning Lights		3	440			4		
Storage Room Lights		5		956		6		Compressor Room Air Vent
Spare		7		896		8		Compressor Room Air Vent
		9			708	10		Night Lights
Spare		11	496		1176	12		Tech Room Receptacles
Mechanical Room Recept.		13		360		14		Tech Room Receptacles
Cleaning Receptacles		15	900		180	16		Hot Water Recirculation Pump
Cleaning Receptacles		17	480		1200	18		(GFCI) RTU #5
Cleaning Receptacles		19		720		20	30	Hand Dryer-Women
Hand Dryer-Men	30	21	1500		1500	22		
		23				24		
		25				26		
		27				28		
		29				30		
		31				32		
		33				34		
		35				36		
		37				38		
		39				40		
		41				42		

LOAD NON-CONTINUOUS	2880	3276	4776	5916 ÷ 120 = 49 AMPS
CONTINUOUS	2024	956	708	
25% OF CONTINUOUS	506	239	177	
CODE TOTAL	5916	4471	5838	A.I.C. BREAKERS 10,000

PANEL K1

120/208 V 3 PH 4 W — TYPE NQOB MOUNTED FLUSH — 300 AMP MAIN BREAKER WITH 400 AMP SUBFEED LUGS

CIRCUIT DESCRIPTION	%	CKT NO	LOAD A	LOAD B	LOAD C	CKT NO	%	CIRCUIT DESCRIPTION
Soda Dispenser System K42	20	1	500 1000			2	20	Hot Dog Bun S. r. K52
Soda Dispenser System K42		3		500 830		4		Under Counter Ref. K14
Spare		5			720	6		Receptacles @ 48"
Dough Roller K54		7	600 800			8		Garbage/Strg Rm Recpt.
Hot Fudge Machine K		9		360 600		10		Kitchen Receptacle
Under Counter Ref K44		11			750 720	12		Nacho Cheese Warmer K16
Slicer K17		13	840 480			14		Preparation Table K5
Food Processor K53		15		360 1000		16		Walk-in Ref Lites K26
Iced Tea Disp. K33		17			420 720	18		Coffee Maker K32
Dishwasher K39	30	19	660 2340			20	30	Soft Serve Machine K30
Dishwasher K39	2	21		660 1500		22	30	Heat Lamp K10
Ice Cube Machine K29	30	23			1440 1500	24	30	Heat Lamp K10
Ice Cube Machine K29	2	25	1440 600			26	20	Bun Toaster K12
Oven Fan K7A	30	27		1500 600		28	20	Bun Toaster K12
Oven Fan K7A	30	29			1500 1080	30	30	Walk-in Ref Cooler Unit
Convection Oven K8	40	31	3600 1984			32		Walk-in Ref Cooler Unit
Convection Oven K8		33		3600 1984		34		Walk-in Ref Cooler Unit
Convection Oven K8	3	35			3600 900	36	20	Mixer K18
Dough Divider K55	20	37	900 900			38		Mixer K18
Dough Divider K55		39		900 900		40		Mixer K18
Dough Divider K55	3	41			900 1500	42	30	Dough Roller K19

LOAD NON-CONTINUOUS	16,536	14,694	15810	16,536÷120 = 138 AMPS
CONTINUOUS	---			
25% OF CONTINUOUS				
CODE TOTAL	16,536	14,694	15810	A.I.C. BREAKERS 10,000

PANEL L2

120/208 V 3 PH 4 W — TYPE NQOB MOUNTED FLUSH — 200 AMP MAIN BREAKER

CIRCUIT DESCRIPTION	%	CKT NO	LOAD A	LOAD B	LOAD C	CKT NO	%	CIRCUIT DESCRIPTION
Bill Changer & Video Games	20	1	1920 960			2	20	Balloon Machine
Video Games		3		2940		4		T.V. Monitor
Game 17 & Video Games		5			1500 960	6		Numeric Pad
Games - East Wall		7	1680 960			8	30	T.V. Monitor
Games - East Wall		9		1680		10	30	Skee Ball
Games - East Wall		11			1440 1560	12	30	Skee Ball
Order Area Lights		13	880 1760			14	30	Skee Ball
Game Area Night Lights		15		1020 2112		16	20	Show Room Fans
Photo Cell & Time Clock		17			480 1200	18		Audio Circuit
T.V. Monitor		19	480 1200			20		Point of Sales Recept.
Point of Sales Recept.		21		540 2112		22		Sports Room Fans
Games-Billy Bob's Corral		23			1440 2112	24		Game Room Fans
Game #11		25	1740 1056			26		Kitchen Fans
TV Monitors Sportsman's Lounge		27		1440 720		28		Game #18
Fire & Sprinkler System		29			1060	30		Spare
Kid's Video Games Billy Bob's Corral		31	1080 1560			32		Cotton Candy Machine
Kid's Video Games Billy Bob's Corral		33		720		34		
Kid's Games		35			1820	36		
		37				38		
		39				40		
		41				42		

LOAD NON-CONTINUOUS	14916	15127	15127	16402 ÷ 120 = 136 AMPS
CONTINUOUS	890	1020	---	
25% OF CONTINUOUS	223	255	---	
CODE TOTAL	16029	16402	15127	A.I.C. BREAKERS 10,000

PANEL L5

120/240 V 3 PH 4 W — TYPE NQOB MOUNTED FLUSH — 100 AMP MAIN BREAKER

CIRCUIT DESCRIPTION	%	CKT NO	LOAD A	LOAD B	LOAD C	CKT NO	%	CIRCUIT DESCRIPTION
Display Case & Entry Lts	20	1	630 1500			2	20	East Side Exterior Lites
Exterior Flood Lights		3		450 1200		4		North Side Ext. Lights
Spare		5			1200	6		North Side Ext. Lights
Spare		7	1500			8		SHOWBIZ Sign
SHOWBIZ Sign		9		1500		10		
		11				12		
		13				14		
		15				16		
		17				18		
		19				20		
		21				22		
		23				24		
		25				26		
		27				28		
		29				30		
		31				32		
		33				34		
		35				36		
		37				38		
		39				40		
		41				42		

LOAD NON-CONTINUOUS	3630	3150	1200	4538 ÷ 120 = 38 AMPS
CONTINUOUS	908	788	300	
25% OF CONTINUOUS				
CODE TOTAL	4538	3938	1500	A.I.C. BREAKERS 10,000

PANEL K2

120/208 V 3 PH 4 W — TYPE NQOB MOUNTED FLUSH — 200 AMP MAIN BREAKER

CIRCUIT DESCRIPTION	%	CKT NO	LOAD A	LOAD B	LOAD C	CKT NO	%	CIRCUIT DESCRIPTION
Reach-in Ref. K4	30	1	1440 270			2	30	Roof Top Exhauster EF-4
Reach-in Refridgerator K40	30	3		840 1232		4		Kitchen Lights
Beverage Counter Lights	20	5			1600 1232	6		Kitchen Lights
Beverage Counter Lights		7	150 672			8		Kitchen Night Lights
Beverage Cntr. Recpt.		9		1000 780		10		Sandwich Prep. Table
Air Curtain Fan		11			1176	12		Spare
Spare		13				14		Spare
Spare		15				16		Spare
Spare		17				18		Spare
Spare		19				20		Spare
Garbage Disposal K46	20	21		1200 780		22	30	Reach-in Freezer K41
Garbage Disposal K46		23			1200	24		
		25				26		
		27				28		
		29				30		
		31				32		
		33				34		
		35				36		
		37				38		
		39				40		
		41				42		

LOAD NON-CONTINUOUS	1716	4600	2376	6140 ÷ 120 = 52 AMPS
CONTINUOUS	822	1232	2932	
25% OF CONTINUOUS	206	308	733	
CODE TOTAL	2744	6140	6041	A.I.C. BREAKERS 10,000

PANEL LC

120/208 V 3 PH 4 W — TYPE NQOB MOUNTED FLUSH — 100 AMP MAIN BREAKER

CIRCUIT DESCRIPTION	%	CKT NO	LOAD A	LOAD B	LOAD C	CKT NO	%	CIRCUIT DESCRIPTION
Emergency & Exit Lites Stage	20	1	400 1600			2	20	Skee Ball Lights
Sportsman's Lounge		3		1050 1200		4		Game Area Lights
Sportsman's Lounge		5			1200 1200	6		Billy Bob's Corral Lites
Game Area Lites		7	1320 1056			8		Hall & Entry Lights
Game Area Lites		9		1438		10		
Bathroom, Hall & Sun Room Lights		11			1004	12		
Sportsman's Lounge		13	200			14		
		15				16		
		17				18		
		19				20		
		21				22		
		23				24		
		25				26		
		27				28		
		29				30		
		31				32		
		33				34		
		35				36		
		37				38		
		39				40		
		41				42		

LOAD NON-CONTINUOUS	---	---	---	6893 ÷ 120 = 58 AMPS
CONTINUOUS	5514	3688	3554	
25% OF CONTINUOUS	1379	922	889	
CODE TOTAL	6893	4610	4443	A.I.C. BREAKERS 10,000

PANEL LPL

120/208 V 3 PH 4 W — TYPE NQOB MOUNTED SURFACE — 100 AMP MAIN LUGS

CIRCUIT DESCRIPTION	%	CKT NO	LOAD A	LOAD B	LOAD C	CKT NO	%	CIRCUIT DESCRIPTION
Parking Lot Lights	30	1	1656 1500			2	30	Entry Sign
Parking Lot Lights		3		1656		4		
Parking Lot Lights	3	5			1104	6		
		7				8		
		9				10		
		11				12		
		13				14		
		15				16		
		17				18		
		19				20		
		21				22		
		23				24		
		25				26		
		27				28		
		29				30		
		31				32		
		33				34		
		35				36		
		37				38		
		39				40		
		41				42		

LOAD NON-CONTINUOUS	1500			3570 ÷ 120 = 30 AMPS
CONTINUOUS	1656	1656	1104	
25% OF CONTINUOUS	414	414	276	
CODE TOTAL	3570	2070	1380	A.I.C. BREAKERS 10,000

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REVISION DATES

DATE: 11-16-93
JOB NO.:
PROJECT MGR.:
DRAWING BY: RSW
REVIEWED BY: RSW

E·8

Section 02760

IRRIGATION SYSTEM

Part 1 - GENERAL

Refer to Division 1 for General Requirements.

Work Specified Herein

This Section describes the labor, materials and installation requirements necessary to layout and install an automatic irrigation system adequate to irrigate plant materials of Section 02820.

Submittals

Contractor will provide one reproducible (sepia) plan of the irrigation layout to the Sub-Contractor before construction. Before substantial completion this plan shall be revised to represent the entire system as constructed in the field.

Submit all manufacturer's warranties along with date of purchase and supplier's invoice number for all equipment installed.

Provide written guarantee warranting the entire system for one year from completion for materials and workmanship.

Delivery, Storage and Handling

Store all materials under cover.

Job Conditions

Sub-Contractor shall provide a 100% coverage, complete automatic irrigation system as schematically diagramed on the drawings. In-field layout shall provide heads at a consistent spacing not to exceed that shown on the plans for each type of head or an approved spacing. If there is an equipment substitution. Any major variation of in-field requirements to those specified in the drawings shall be reported to the Contractor before beginning construction.

Sub-Contractor shall verify the installation of sleeving, if any, provided in other sections of work that will be used for irrigation.

PART 2 - PRODUCTS

Materials

Equipment shall be as noted on the plans.

Control wire shall be #14 UF-600V solid copper with pilot or "hot" wires of one color and "common" wires of another color.

Valve boxes and lids shall be as manufactured by Ameter, Intercontinental, or Roby.

Polyvinyl Cloride (PVC) Pipe shall be 1120/1120 normal impact, solvent weld type. Refer to Drawings for Pipe Class required.

PVC fittings shall be of same chemical compound as pipe on which it is installed. Use Schedule 40 medium wall fittings for all slip connections. Use Scheule 40 heavy wall fittings for all fittings with one or more threaded outlets.

PVC pipe solvent and primer shall be as recommended by the pipe manufacturer and fitting manufacturer.

Backflow prevention equipment shall meet all local code requirements.

PART 3 - EXECUTION

Installation

Equipment shall be installed as per details or approved manufacturer's details.

Trenches shall be excavated for minimum pipe depths of eight inches (8") for laterals and fifteen inches (15") for main pipes. Embedment for pipe shall be free of rubble or rocks. Expansion and contraction of pipe shall be compensated for as per pipe manufacturer's recommendations. Thoroughly watersettle all trench backfill.

Piping uder concrete shall be installed by jacking, boring, or hydraulic driving.

Piping under asphalt shall be sleeved. Trench depth shall be twenty-four inches (24") below finish subgrade.

Solvent welding shall be accomplished with primer and solvent for main pipes and with solvent for lateral pipes as per manufacturer's recommendations.

Pipe cuts shall be square with burrs removed before installation.

All metal to plastic connections shall be by Schedule 40 PVC male adaptors.

Heads adjacent to pavement or curbs shall not exceed finish curb or pavement elevation in height.

Flushing, Testing, and Adjustment

After main pipe, backflow preventer, and valves are installed, pipe shall be flushed with water and tested for leaks with static city water pressure. Contractor shall inspect main pipe for leaks before main is backfilled. When repairs are complete, the approved main pipe trench shall be backfilled.

Flush all laterals thoroughly before installing heads. Leaks in laterals shall be made watertight.

Automatic valve operation shall be tested by activation at the controller. Wiring and/or valves shall be repaired for proper operation as required.

Adjust all heads for proper pattern, water flow, and distance. Adjust any pressure regulators to specified pressures or as directed in the field.

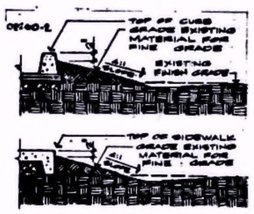
Maintenance

Sub-Contractor shall adjust heads in turf areas flush with settled, finish grade prior to final completion of planting operations as directed by the Contractor.

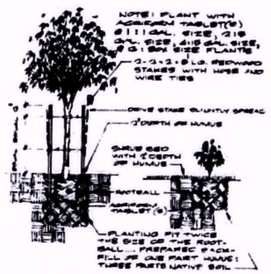
END OF SECTION

PLANTING DETAILS

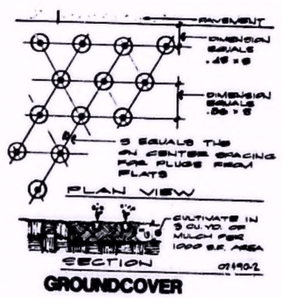
INCIDENTAL GRADING



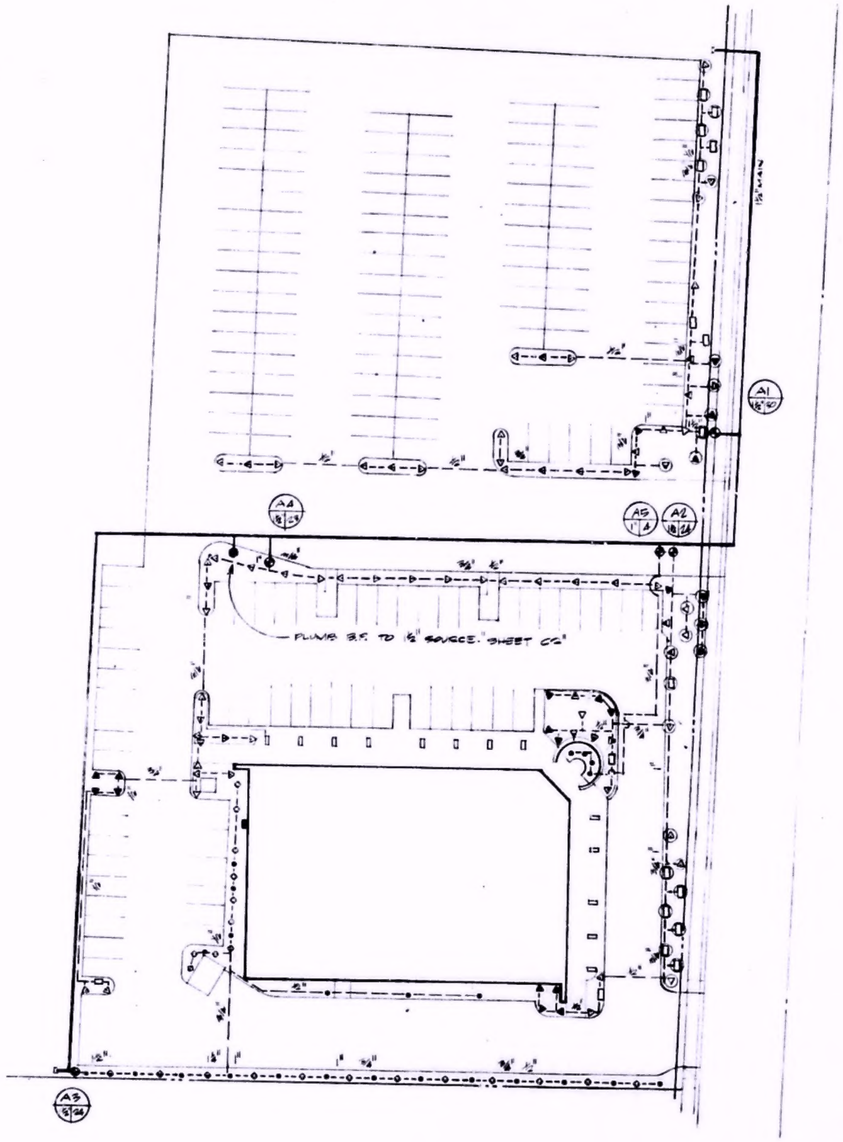
INCIDENTAL GRADING



TREE & SHRUB PLANTING



GROUNDCOVER



IRRIGATION PLAN

NORTH

SCALE: 1" = 30'-0"

IRRIGATION LEGEND

SYMBOL	MANUFACTURER AND DESCRIPTION
▬	IRRI-TROL MC-6 CONTROLLER
VALVE KEY	RAINBIRD EP SERIES SOLENOID VALVE STATION NUMBER ESTIMATED FLOW (GPM) SIZE OF VALVE
●	SMR 711-1½" PRESSURE TYPE BACKFLOW PREVENTER
⊖ ⊖ ⊖	RAINBIRD 1812 SERIES POP-UP HEAD WITH NOZZLES AS KEYED BELOW
▽	RAINBIRD A-18 SHRUB SPRAY WITH NOZZLES AS KEYED BELOW
N-1800 EST ▼	N-1800 CST ▼ B176Q ▼ B176H ▼ B176F ▽ B175TQ ▽ B15-SST ▭
◆	RAINBIRD 2200 STRIP PATTERN STREAM BUBBLER
●	RAINBIRD 1300-F BUBBLER
———	MAINPIPE, CLASS 160 PVC, MINIMUM
- - - -	LATERAL PIPE, CLASS 160 PVC, MINIMUM

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REVIEWED BY:

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L-2